



# **Phase Two Environmental Site Assessment**

**Proposed MECP-MLITSD Science Facility Complex,  
Oakville Land Assembly – William Halton Parkway,  
Oakville, Ontario**

Infrastructure Ontario

26 March 2026

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# 1. Executive Summary

GHD Limited (GHD) was retained by Infrastructure Ontario (IO) to conduct a Phase Two Environmental Site Assessment (ESA) of a vacant agricultural property located north of William Halton Parkway in Oakville, Ontario (herein referred to as the “Site” or the “Property”). The Site is owned by his Majesty the King in Right of Ontario as represented by the Ministry of Infrastructure (MOI). There are no structures present on the Site.

The Phase Two ESA was conducted in general accordance with the requirements of Ontario Regulation 153/04, as amended (O. Reg. 153/04) and IO's *Site Investigation Guidelines for Due Diligence and Design Purposes Social and Civil Infrastructure Projects* (August 2022). It is GHD's understanding that the Phase Two ESA was completed to support the proposed construction of a new four storey, slab-on-grade building on the Property to be used as a research and science facility by the Ministry of Environment, Conservation and Parks (MECP) and Ministry of Labour, Immigration, Training and Skills Development (MLITSD). The development is to be constructed on a portion of the provincially owned Oakville Land Assembly (OLA) in the Town of Oakville. GHD understands that a Record of Site Condition (RSC) is not required to support the proposed development.

GHD completed a Phase One ESA in July 2025 to identify, through a non-intrusive investigation, the existence of any Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) associated with the Site. The Phase One ESA was completed in accordance with O. Reg. 153/04, which defines PCAs and APECs. The Phase One ESA identified the following APECs to be associated with the Site:

1. **Imported fill material during development of south adjacent property (APEC #1):** GHD identified evidence of imported fill material at the Site based on a review of historical aerial photographs. Through the review of historical aerial photographs, the Phase One Property appears to have had fill placed and grading activities carried out along the southern half of the Site, likely during construction of the road and Oakville Trafalgar Memorial Hospital located adjacent to the south of the Site, between 2008 and 2017 from an unknown source. In addition, fill material may have been placed on the northern portion of the Site during the installation of utilities adjacent to the north of the Site. Based on the limited amount of soil samples collected in the 2019 Phase Two GHD investigation, Importation of Fill Material of Unknown Quality has been identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) and has been identified as an APEC (APEC #1) on the entire Site.
2. **Application of Pesticides (APEC #2):** Based on a review of historical records and aerial photography, the Site has been and is currently being used for agricultural purposes since at least 1877. No information was available regarding the use of pesticides on the Site. The potential for application of pesticides presents a PCA (#40 – Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications) and has been identified as an APEC (APEC #2) across the Site. Chemicals of concern consists of Organochlorine (OC) pesticides.
3. **Application of De-icing Agents (APEC #3):** Road salt has been applied on the adjoining Halton William Parkway and at the ErinOak Kids Centre for Treatment and Development on the east adjacent property, during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. The application of road salt in the vicinity of the Site has the potential to result in elevated sodium adsorption ratio (SAR) and electrical conductivity (EC) in soil and represent an on-Site PCA having the potential to contribute to an APEC (APEC #3) along the southern portion of the Site.

The objective of this Phase Two ESA was to ensure that the APECs identified during the 2025 Phase One ESA were investigated for each applicable contaminant of concern (COC). Groundwater and sediment sampling was not completed during the Phase Two ESA as soil was the only media identified as a potentially contaminated media at the Site in the Phase One ESA. This investigation was undertaken concurrently with geotechnical and hydrogeological

investigations that were performed by GHD and are documented under separate cover. This report summarizes the investigative activities completed as part of the Phase Two ESA and presents all data generated therefrom.

The drilling program for this investigation was carried out between June 18 and June 27, 2025, and consisted of advancing eighteen (18) boreholes to depths ranging between 2.41 metre (m) and 6.40 m below ground surface (BGS). For hydrogeological monitoring, monitoring wells were installed at five (5) of these borehole locations (designated as MW25-07, MW25-08, MW25-11, MW25-14, and MW25-18). Rock coring was carried out in three (3) boreholes (MW25-07, MW25-11 and BH25-18) upon reaching the bedrock surface using HQ sized core barrel. Off-Site boreholes BH25-19, BH25-20, BH25-21, BH25-22, and BH25-23 were also completed during the investigation in support of a proposed road. However, no environmental soil samples were taken from these locations, as they were completed as part of the geotechnical investigation to determine current conditions of the adjoining future right-of-way.

Soil samples were submitted for laboratory analysis of one or more of the following: volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals and inorganics, organochlorine pesticides (OC Pesticides), petroleum hydrocarbons (PHCs) F<sub>1</sub>-F<sub>4</sub>, and general chemistry. Additionally, five (5) soil samples were analyzed for modified Synthetic Precipitation Leaching Procedure (mSPLP) VOCs, metals, and general chemistry analysis. One (1) soil sample was collected for waste characterization. Soil analytical results were compared to the Ministry of the Environment, Conservation and Parks (MECP)<sup>1</sup> Table 2: Full Depth Generic Site Condition Standards (SCSs) in a Potable Groundwater Condition for Industrial/Commercial/Community Property Uses, with medium/fine-textured soil (2011 MECP Table 2 Standards).

Based on the results of the Phase Two ESA, the following conclusions are provided:

1. Based on the boreholes advanced across the Site, the generalized subsurface conditions encountered in the boreholes consisted of surficial layers of topsoil followed by a cohesive firm to very stiff lean clay and/or silty clay fill or reworked native layers. The fill or reworked native layer extended to depths ranging between 0.8 m and 1.52 m BGS (elevation varying between 161.9 m and 157.4 m). Below the fill or reworked native material, a stiff to hard cohesive deposit consisting of lean clay of carrying composition (lean clay with sand, sandy lean clay, sandy silty clay, and sandy silty clay with gravel) was encountered with depths varying between 2.1 m and 3.8 m BGS (Elevation 158.7 m to 156.5 m). The cohesive deposit was further underlain by weathered shale and shale bedrock.
2. Based on the survey information of the top of riser pipe elevation, the groundwater surface or potentiometric elevation was determined and used to prepare groundwater elevation contours for the Site. Groundwater measurements collected on July 10, 2025 indicate that groundwater is present at a depth ranging between 0.44 m BGS at MW25-07 and 2.6 m BGS at MW25-11. The elevations of the groundwater table vary from 156.34 m AMSL at MW25-18 and 159.12 m AMSL at MW25-07. Based on a review of the groundwater contours, groundwater flow direction is generally in a southeasterly direction.
3. Based on review of the soil analytical results, all analyzed parameters were either not detected above the laboratory reporting limits or were detected at concentrations below the MECP Table 2 Standards.

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<sup>1</sup> "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", prepared by MECP, dated April 15, 2011.

## 2. Introduction

GHD Limited (GHD) was retained by Infrastructure Ontario (IO) to conduct a Phase Two Environmental Site Assessment (ESA) of a vacant agricultural property located north of William Halton Parkway in Oakville, Ontario (herein referred to as the “Site” or the “Property”). A Site Location Map is provided on **Figure 1**. The Site is owned by His Majesty the King in Right of Ontario as represented by the Ministry of Infrastructure (MOI). There are no structures present on the Site.

GHD completed a Phase One ESA in July 2025 to identify, through a non-intrusive investigation, the existence of any Potentially Contaminating Activities (PCAs) and Areas of Potential Environmental Concern (APECs) associated with the Site. The Phase One ESA was completed in accordance with O. Reg. 153/04, which defines PCAs and APECs. The findings of the Phase One ESA are summarized in the report entitled “Phase One Environmental Site Assessment, Oakville Land Assembly (William Halton Pkwy West), Oakville, Ontario” prepared for Infrastructure Ontario, dated July 31, 2025.

The Phase Two ESA was conducted in general accordance with the requirements of Ontario Regulation 153/04, as amended (O. Reg. 153/04) and IO's *Site Investigation Guidelines for Due Diligence and Design Purposes Social and Civil Infrastructure Projects* (August 2022). It is GHD's understanding that the Phase Two ESA was completed to support the proposed construction of a new four storey, slab-on-grade building on the Property to be used as a research and science facility by the MECP and MLITSD. The development is to be constructed on a portion of the provincially owned Oakville Land Assembly (OLA) in the Town of Oakville. GHD understands that a Record of Site Condition (RSC) is not required to support the proposed development.

The objective of this Phase Two ESA was to ensure that the APECs identified during the 2025 Phase One ESA were investigated for each applicable contaminant of concern (COC). Groundwater and sediment sampling was not completed during the Phase Two ESA as soil was the only media identified as a potentially contaminated media at the Site in Phase One ESA. This investigation was undertaken concurrently with geotechnical and hydrogeological investigations that were performed by GHD and are documented under separate cover. This report summarizes the investigative activities completed as part of the Phase Two ESA and presents all data generated therefrom.

This report has been prepared for the use of IO and may not be relied upon by others without the written consent of GHD and IO.

### 2.1 Site Description

The Site is a vacant agricultural property located along the northern side of William Halton Parkway (west of the ErinOak Kids Centre for Treatment and Development) and is approximately 8.4 acres (3.4 hectares) size. The Site was vacant undeveloped land or utilized as agricultural cropland since at least 1877. The Site is legally described as Part of Part 10 on Plan 20R-21343 (dated January 9, 2019). The entire Site was covered with long grass, with a seasonal drainage feature of limited standing water oriented in a northwest to southeast direction through the center of the Site. There are no structures present on the Site. No water bodies, as defined by O. Reg. 153/04, are located on the Site. In general, the Site is surrounded by vacant agricultural land to the north and west and mixed institutional/residential properties to the east and south.

## 2.2 Property Ownership

The Site is owned by his Majesty the King in Right of Ontario as represented by the Ministry of Infrastructure (MOI). Contact information for the Site owner representative (on behalf of the Ministry of Infrastructure/Infrastructure Ontario) is listed below:

Ms. Pearl Lai  
Environmental Manager, Infrastructure Ontario  
647-264-4558  
pearl.lai@infrastructureontario.ca

## 2.3 Current and Proposed Future Uses

The current property use is considered “agricultural or other land use”. The Site is to be developed with a new four storey, slab-on-grade building to be used as a research and science facility by the MECP and MLITSD. As such, the proposed future use of the property is considered “industrial land use” as defined under O. Reg. 153/04.

## 2.4 Applicable Site Condition Standards

The soil and groundwater analytical results were compared to the generic standards provided in the Ministry of the Environment, Conservation and Parks (MECP, formerly Ministry of Environment and Climate Change or MOECC) document entitled *"Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act"*, dated April 15, 2011 (hereinafter referred to as the 2011 MECP Standards). The 2011 MECP Standards provide generic soil and groundwater quality standards for certain chemicals, based on combinations of the following site-specific conditions.

### Property Use – Industrial/Commercial/Community

The current property use is considered “agricultural or other land use”. Following redevelopment, the future land use of the property will be “industrial land use” as defined under O. Reg. 153/04.

### Restoration of groundwater quality – Potable

Based on a review of the Source Protection Areas<sup>2</sup>, the Site and the surrounding areas within 250 metres (m) of the Site are located within the Halton Region Source Protection Area but outside of the intake protection zone.

Based on a RSC #225928 filed for the proposed road right of way located adjacent to the Site, potable water standards were applied for the road conveyance lands due to the nearby presence of Glenorchy Conservation Area. The Regional Municipality of Halton identified that potable standards should be applied to land within 30 m of the conservation lands.

Therefore, potable groundwater conditions would apply at the Site.

### Restoration depth – Full Depth or Stratified Depth

For comparative purposes, results were compared to full-depth standards.

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<sup>2</sup> MECP Ontario Source Protection Information Atlas  
(<https://www.gisapplication.lrc.gov.on.ca/SourceWaterProtection/Index.html?site=SourceWaterProtection&viewer=SWPViewer&locale=en-US>)

## **Soil texture**

As part of the geotechnical investigation completed by GHD for the Site, grain-size analyses consisting of sieve and hydrometer testing were carried out on select soil samples extracted from the boreholes. Based on the results of the grain size analysis, the tested soil samples of the fill or reworked native soils is comprised of cohesive lean clay and/or silty clay. The fill or reworked native soil is underlain by cohesive deposit consisting of lean clay of carrying composition (lean clay with sand, sandy lean clay, sandy silty clay, and sandy silty clay with gravel) followed by weathered shale and shale bedrock. Based on the hydrometer and grain-size analysis results and review of the borehole logs, the majority of soils sampled to investigate APECs at the Site are comprised of medium and fined textured soils. On this basis, medium-fine textured soil Standards were utilized. Refer to **Section 6.5** for additional details.

## **Shallow Soil Property**

A shallow soil property is a property for which 1/3 or more of the area consists of soil equal to or less than 2 m in depth beneath the soil surface, excluding any non-soil surface treatment. Based on observations during the field investigation and review of borehole logs, soils greater than 2 m in depth are present across the Site.

As such, the Site is not considered to be shallow soil as 2/3 or more of the area consists of soil greater than 2 m in depth.

## **Within 30 m of a Water Body**

No water bodies were identified within 30 m of the Site. A drainage feature is located on the Site, oriented in a northwest to southeast direction. At the time of the Phase One ESA Site inspection, GHD observed standing water in portions of the drainage feature. However, based on GHD's observations and a review of aerial images, the drainage feature does not appear to be a "permanent" feature, and as such, was not considered to be a water body as defined by O. Reg. 153/04. The nearest water body consists of the Sixteen Mile creek is located approximately 1 km east of the Site.

As such, the Standards for use within 30 m of a water body were not considered applicable.

The generic 2011 MECP Standards are not applicable if the Site is considered to be an environmentally sensitive area. The conditions for the above are presented in Section 41 of O. Reg. 153/04

In accordance with O. Reg. 153/04, an "area of natural significance" is defined as any of the following:

1. An area reserved or set apart as a provincial park or conservation reserve under the Provincial Parks and Conservation Reserves Act, 2006.
2. An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources and Forestry (MNRF) as having provincial significance.
3. A wetland identified by the MNRF as having provincial significance.
4. An area designated by a municipality in its official plan as environmentally significant, however, expressed, including designations of areas as environmentally sensitive, as being of environmental concern and as being ecologically significant.
5. An area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the Niagara Escarpment Planning and Development Act.
6. An area identified by the MECP as a significant habitat of a threatened or endangered species.
7. An area which is a habitat of a species that is classified under Section 7 of the Endangered Species Act, 2007 as a threatened or endangered species.

8. Property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the Oak Ridges Moraine Conservation Act, 2001 applies.
9. An area set apart as a wilderness area under the Wilderness Areas Act.

A summary of GHD's review is provided below:

1. The Site is not an area reserved or set apart as a provincial park or conservation reserve under the Provincial Parks and Conservation Reserves Act, 2006.
2. The Site is not considered to be an area of natural and scientific interest (life science or earth science) identified by the MNRF as having provincial significance. GHD reviewed the MNRF's – "Natural Heritage Information Centre" database to identify areas registered as Areas of Natural or Scientific Interest (ANSI). There were no ANSI's identified within 600 m radius of the Site.
3. The Site has not been identified by MNRF as a wetland.
4. The Site is not identified as an environmentally sensitive area in the Halton Region's Official Plan.
5. The Site is not an area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the Niagara Escarpment Planning and Development Act.
6. GHD completed a review of publicly available natural heritage information from the MNRF Natural Heritage Information Centre (NHIC), which includes records of threatened or endangered species on a 1-kilometer grid. Within the 1-kilometer grid areas that include part of the Site. The following species were listed as threatened and/or endangered within the Phase One ESA study area:
  - a. Redside Dace (*Clinostomus Elongatus*)
  - b. Eastern Meadowlark (*Sturnella magna*)
  - c. Boblink (*Dolichonyx oryzivrus*); and
  - d. Butternut (*Juglans cinerea*)
7. The Site is not a property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the Oak Ridges Moraine Conservation Act, 2001 applies.
8. The Site is not an area set apart as a wilderness area under the Wilderness Areas Act.

GHD understands the potential for habitat of sensitive species to be present has been addressed by third party consultants retained by IO. GHD did not identify any conditions that would confirm that the Site represents habitat of threatened or endangered species.

The soil pH in surface (0 to 1.5 mBGS) and subsurface (greater than 1.5 mBGS) soils was within the acceptable range of 5 and 9 for surface soils, and within acceptable range of 5 and 11 for subsurface soils, as outlined in Section 41 of O. Reg. 153/04. Soil pH values ranged between 6.32 and 7.82 within surface soils, and between 7.35 and 7.96 within subsurface soils.

Based on the above, the applicable standards were determined to be Table 2: Full Depth Generic Site Condition Standards in a Potable Groundwater Condition for Industrial/Commercial/Community (ICC) Property Use, medium-fine textured soils (2011 MECP Table 2 Standards).

## 3. Background Information

### 3.1 Physical Setting

The elevation of the Site is approximately 165 metres above mean sea level (mAMSL)<sup>3</sup>. Regional topography in the area of the Site generally slopes in a southerly or southeasterly direction towards Lake Ontario, located approximately 7.9 kilometres (km) to the south. No permanent water bodies are present on the Site. A seasonal drainage feature of limited standing water oriented in a northwest to southeast direction through the center of the Site. The nearest water body consists of the Sixteen Mile creek is located approximately 1 km east of the Site

According to Chapman and Putnam (Chapman, 2007), the Site lies within the Physiographic Region described as the Till Moraine<sup>4</sup>.

According to the Quaternary Geology, the Site and the Study Area are located within Pleistocene deposits, consisting of silt to silty clay matrix<sup>5</sup>. The surficial geology is more specifically described as Till, consisting of clay to silt-textured till, derived from glaciolacustrine deposits or shale<sup>6</sup>.

According to Bedrock Geology, the Site is underlain by the Queenston Formation and consists of a combination of shale, limestone, dolostone, and siltstone<sup>7</sup>. Based on the 2019 Phase Two ESA bedrock was encountered at an approximate depth of 14 metres below grade.

The following buildings or features were located on the properties surrounding the Site.

**North:** The Site is bound to the north by vacant agricultural land followed by Sixteen Mile Creek.

**East:** The Site is bound to the east by 2000 Glenorchy Road (ErinoakKids Centre for Treatment and Development-Community Use), and further east by Glenorchy Road.

**South:** The Site is bound to the south by William Halton Parkway and further south by 3001 Hospital Gate (Oakville Trafalgar Memorial Hospital - Residential Use).

**West:** The Site is bound to the West by a vacant agricultural land followed by McCraney Creek.

### 3.2 Past Investigations

GHD completed a Phase One ESA of the Site in April 2025. The findings of the Phase One ESA are summarized in the report entitled "Phase One Environmental Site Assessment, Oakville Land Assembly (William Halton Pkwy West), Oakville, Ontario" prepared for Infrastructure Ontario, dated July 31, 2025.

The 2025 GHD Phase One ESA identified the following AECs and APECs associated with the Site:

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<sup>3</sup> Natural Resources Canada [map]. "The Atlas of Canada - Toporama", governed by version 2.3 of the Open Government License – Canada. November 27, 2020. <http://atlas.gc.ca/toporama/en/index.html>.

<sup>4</sup> Chapman, L. J., and D. F., Putnam (1984), "The Physiography of Southern Ontario", Ontario Geological Survey.

<sup>5</sup> "Quaternary Geology" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

<sup>6</sup> "Surficial Geology" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

<sup>7</sup> "Bedrock Geology" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

1. **Imported fill material during development of south adjacent property (APEC #1):** GHD identified evidence of imported fill material at the Site based on a review of historical aerial photographs. Through the review of historical aerial photographs, the Phase One Property appears to have had fill placed and grading activities carried out along the southern half of the Site, likely during construction of the road and Oakville Trafalgar Memorial Hospital located adjacent to the south of the Site, between 2008 and 2017 from an unknown source. In addition, fill material may have been placed on the northern portion of the Site during the installation of utilities adjacent to the north of the Site. Based on the limited amount of soil samples collected in the 2019 Phase Two GHD investigation, Importation of Fill Material of Unknown Quality has been identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) and has been identified as an APEC (**APEC #1**) on the entire Site.
2. **Application of Pesticides (APEC #2):** Based on a review of historical records and aerial photography, the Site has been and is currently being used for agricultural purposes since at least 1877. No information was available regarding the use of pesticides on the Site. The potential for application of pesticides presents a PCA (#40 – Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications) and has been identified as an APEC (**APEC #2**) across the Site. Chemicals of concern consists of Organochlorine (OC) pesticides.
3. **Application of De-icing Agents (APEC #3):** Road salt has been applied on the adjoining Halton William Parkway and at the ErinOak Kids Centre for Treatment and Development on the east adjacent property, during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. The application of road salt in the vicinity of the Site has the potential to result in elevated sodium adsorption ratio (SAR) and electrical conductivity (EC) in soil and represent an on-Site PCA having the potential to contribute to an APEC (**APEC #3**) along the southern portion of the Site.

As part of the 2025 Phase One ESA, GHD reviewed a Phase One ESA<sup>8</sup> and Phase Two ESA<sup>9</sup> completed by GHD in 2019 for a larger area that included the Site. Based on the 2019 Phase One ESA findings, the APEC identified at the Site include current and historical application of pesticides. The 2019 Phase Two ESA completed on the larger area consisted of the advancement of twenty-six (26) boreholes, with six instrumented as monitoring wells across the Phase Two property. Soil and groundwater samples were submitted for laboratory analysis of one or more of the following: metal and inorganics, polycyclic aromatic hydrocarbons (PAHs), petroleum hydrocarbon fractions 1 through 4 (PHC F1-F4), organochloride (OC) pesticides, and/or volatile organic compounds (VOCs). The applicable standards for the Phase Two ESA were determined to be the Table 3: Full Depth Generic Site Condition Standards in a Non-Potable Groundwater Condition for an Industrial/Commercial/Community Use for Medium and Fine Textured Soils (MECP Table 3 Standards), April 2011. A letter was submitted by GHD on behalf of IO to the Town of Oakville in March 2019 regarding the use of the standards for non-potable groundwater conditions considered applicable to the Phase Two ESA property. Based on the findings of the Phase Two ESA investigation the following conclusions were provided:

- *The general soil stratigraphy at the Phase Two ESA Site consists of 10 to 35 centimeters (cm) of topsoil overlying disturbed (reworked) native soils. An undisturbed, stiff native silty clay deposit (silty clay till) was encountered beneath the reworked native materials, extending to depths ranging from approximately 2.3 and 3.8 metres below ground surface (mBGS). Shale bedrock was encountered below the silty clay till, extending to a depth of 11.43 mBGS, the maximum depth of investigation during the Phase Two ESA.*
- *Water level measurements collected at the larger property indicate that groundwater is present at a depth ranging from 0.86 to 3.06 mBGS on February 27, 2018. A review of a groundwater elevation contour map completed for the Phase Two ESA Site indicates that groundwater at the larger property flows in a generally southeasterly direction.*

<sup>8</sup> Phase One Environmental Site Assessment, Proposed Halton Region Consolidated Courthouse Development, North Side of William Halton Parkway, Oakville, Ontario, prepared for the IO, prepared by GHD, dated April 10, 2019.

<sup>9</sup> Phase Two Environmental Site Assessment, Proposed Halton Region Consolidated Courthouse Development, North Side of William Halton Parkway, Oakville, Ontario, prepared for the IO, prepared by GHD, dated April 18, 2019.



- Based on the analytical results, all soil and groundwater samples met the MECP Table 3 Standards for all parameters analyzed.

## 4. Scope of Investigation

### 4.1 Overview of Site Investigation

The objective of the Phase Two ESA was to investigate the APECs identified during the 2025 Phase One ESA and to document general soil at the Site in support of the proposed development. The Phase Two ESA Sampling and Analysis Plan (SAP) is provided in **Appendix A**. The following section provides a summary of the investigative activities that were completed during Phase Two ESA.

### 4.2 Media Investigated

GHD completed soil investigations as part of the Phase Two ESA activities. Groundwater and sediment sampling was not completed during the Phase Two ESA as water bodies are not present at the Site and groundwater and sediment was not identified as a potentially contaminated media in Phase One ESA.

The following field investigation activities were completed to characterize the Site:

- Advancement of eighteen (18) boreholes to depths ranging between 2.41 m and 6.4 m.
- Installation of monitoring wells at five (5) of these borehole locations (designated as MW25-07, MW25-08, MW25-11, MW25-14, and MW25-18) for hydrogeological monitoring.
- Field screening of soil samples.
- Hydraulic monitoring (groundwater level measurements and free-product measurements), as part of a concurrently completed hydrogeological investigation.
- Laboratory analysis of 64 soil samples (including eight [8] field duplicate samples) from the borehole locations.

As part of the geotechnical investigation, three (3) bedrock cores were obtained from boreholes MW25-07, MW25-11, and MW25-18. Selected soil and rock samples were collected and sent for geotechnical laboratory analysis. Off-Site boreholes BH25-19, BH25-20, BH25-21, BH25-22, and BH25-23 were also completed during the investigation in support of a proposed road. However, no environmental soil samples taken from these locations, as they were completed as part of the geotechnical investigation to determine current conditions of the adjoining future right-of-way.

Environmental soil samples were submitted for laboratory analysis of one or more of the following: volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals and inorganics, organochlorine pesticides (OC Pesticides), petroleum hydrocarbons (PHCs) F<sub>1</sub>-F<sub>4</sub>, and general chemistry. Additionally, five (5) soil samples were analyzed for modified Synthetic Precipitation Leaching Procedure (mSPLP) VOCs, metals, and general chemistry analysis. One (1) soil sample was collected for waste characterization.

A summary of soil and groundwater sampling locations and chemical analysis is provided in **Table 1**. The investigative locations are shown on **Figure 2**.

### 4.3 Phase One Conceptual Site Model

The Site is a vacant agricultural property located along the northern side of William Halton Parkway (west of the ErinOak Kids Centre for Treatment and Development) and is approximately 8.4 acres (3.4 hectares) size. The Site is

legally described as Part of Part 10 on Plan 20R-21343 (dated January 9, 2019). The entire Site was covered with long grass, with a seasonal drainage feature of limited standing water oriented in a northwest to southeast direction through the center of the Site. No permanent structures were present on the Site at the time of this Phase One ESA. In general, the Site is surrounded by vacant agricultural land to the north and west and mixed institutional/residential properties to the east and south.

Based on GHD's review of historical documents, the Site was vacant undeveloped land or utilized as agricultural cropland since at least 1877. The Site is currently used for agricultural purposes.

The Phase One Property is bounded by William Halton Parkway to the south, ErinoakKids (2000 Glenorchy Road) to the east, vacant land to west and north. Oakville Trafalgar Memorial Hospital is located immediately south of William Halton Parkway. No historical gas station or dry cleaners were historically located within 250 m radius of the Phase One Study Area.

The elevation of the Site is approximately 165 mAMSL<sup>10</sup>. Regional topography in the area of the Site generally slopes in a southerly or southeasterly direction towards Lake Ontario, located approximately 7.9 kilometres (km) to the south. No permanent water bodies are present on the Site. A seasonal drainage feature of limited standing water oriented in a northwest to southeast direction through the center of the Site. The nearest water body consists of the Sixteen Mile creek is located approximately 1 km east of the Site and lies within the Physiographic Region described as the Till Moraine<sup>11</sup>.

According to the Quaternary Geology, the Site and the Study Area are located within Pleistocene deposits, consisting of silt to silty clay matrix<sup>12</sup>. The surficial geology is more specifically described as Till, consisting of clay to silt-textured till, derived from glaciolacustrine deposits or shale<sup>13</sup>.

According to Bedrock Geology, the Site is underlain by the Queenston Formation and consists of a combination of shale, limestone, dolostone, and siltstone<sup>14</sup>. Based on the 2019 Phase Two ESA bedrock was encountered at an approximate depth of 14 metres below grade.

### **Phase One Conceptual Site Model Summary**

- Three PCAs were identified with the Phase One ESA property.
- Identified evidence of potential importation of fill of an unknown source at the Site based on a review of historical records and aerial photographs. Through the review of historical aerial photographs, the Phase One Property appears to have had fill placed and grading activities carried out along the southern half of the Site, likely during construction of the road and Oakville Trafalgar Memorial Hospital located adjacent to the south of the Site, between 2008 and 2017. Based on the unknown source of the historical fill placed on the Site, PCA #30 (Importation of Fill Material of Unknown Quality) has been identified as a PCA at the Site.
- Potential application of pesticides has been identified as a PCA at the Site, as the Site has historically and currently been used for agricultural purposes. As such, PCA#40 (Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications), as been identified as a PCA at the Site.

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<sup>10</sup> Natural Resources Canada [map]. "The Atlas of Canada - Toporama", governed by version 2.3 of the Open Government License – Canada. November 27, 2020. <http://atlas.gc.ca/toporama/en/index.html>.

<sup>11</sup> Chapman, L. J., and D. F., Putnam (1984), "The Physiography of Southern Ontario", Ontario Geological Survey.

<sup>12</sup> "Quaternary Geology" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

<sup>13</sup> "Surficial Geology" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

<sup>14</sup> "Bedrock Geology" [map]. Scale 1:250,000. OGS Earth Geoscience Data [computer files]. Sudbury, Ontario: Ontario Geological Survey & Ministry of Northern Development and Mines, 2010.

- Application of de-icing agents has been identified as a PCA at the Site, as road salt has been applied on the roadway, adjoining sidewalk and on the east adjacent property located at 2000 Glenorchy Road during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both.
- Based on the Site visit, municipal drawings storm and sanitary lines are found oriented in an east to west direction along the northern and southern boundary of the Site. Underground utilities have the potential to affect contaminant distribution and transport.
- No uncertainty or absence of information was noted in the Phase One ESA which could affect the Phase One Conceptual Site Model's validity.

The Phase One Site Conceptual Model is depicted on **Figure 3**.

## 4.4 Deviations from the Sampling and Analysis Plan

No deviations from the Soil Sampling and Analysis Plan occurred during the Phase Two ESA.

## 4.5 Impediments

GHD encountered no impediments or denials of access during Phase Two ESA.

# 5. Investigation Methods

## 5.1 General

The following investigative activities were undertaken as part of the Phase Two ESA between June 2025 and July 2025, using a variety of investigation methods and sampling techniques. Investigations completed included the following, as described in detail in the following subsections.

- Completion of public and private utility locates.
- Advancement of boreholes.
- Installation of groundwater monitoring wells.
- Collection of field soil screening measurements and observations.
- Collection of soil samples.
- Hydraulic monitoring (groundwater level measurements and measurements for non-aqueous phase liquid [NAPL] if present), as part of a concurrently completed hydrogeological investigation.
- Quality assurance and quality control (QA/QC) measures.
- Elevation Surveying.
- Analytical testing.
- Waste management.

The field investigation activities were completed in accordance with MECP protocols, GHD's standard operating procedures (SOPs), and standard good practices.

Prior to the start of the investigation activities, GHD prepared a Site-specific Health and Safety Plan (HASP). The purpose of the HASP was to provide specific guidelines and established procedures for the protection of personnel

performing the Site investigation activities. In addition, the appropriate public utility notifications were completed, and a private utility locator (OnSite Locates Inc.) was retained to assist with on-Site utility clearances.

## 5.2 Drilling

The drilling program for this investigation was carried out between June 18 and June 27, 2025, under the full-time supervision of experienced GHD technical representatives. The drilling program consisted of advancing eighteen (18) boreholes to depths ranging between 2.41 metre (m) and 6.40 m BGS. For hydrogeological monitoring, monitoring wells were installed at five (5) of these borehole locations (designated as MW25-07, MW25-08, MW25-11, MW25-14, and MW25-18). Rock coring was carried out in three (3) boreholes (MW25-07, MW25-11 and BH25-18) upon reaching the bedrock surface using HQ sized core barrel. The rock cores were placed in core boxes, were visually examined and logged after drilling, and were transported to GHD's laboratory in Waterloo where they were reviewed by a GHD staff member. Off-Site boreholes BH25-19, BH25-20, BH25-21, BH25-22, and BH25-23 were also completed during the investigation in support of a proposed road. However, no environmental soil samples taken from these locations, as they were completed as part of the geotechnical investigation to determine current conditions of the adjoining future right-of-way.

The drilling and monitoring well installation methods and procedures are presented in **Appendix A**. The well completion details for the monitoring wells are presented on **Table 2**, and the monitoring well and borehole locations are shown on **Figure 2**.

The boreholes were drilled using a CME055 track mounted drill rig supplied and operated by drilling subcontractor 3D Drilling Inc. of Stouffville, Ontario. The boreholes were advanced through overburden using a hollow stem auger (108 mm inside diameter). Representative, disturbed soil samples were obtained at 0.75 m intervals of depth using a 50 mm outer-diameter (O.D.) split-spoon sampler advanced by a 63.5 kg automatic hammer dropping approximately 760 mm in accordance with Standard Penetration Test (SPT) procedures described in ASTM D 1586<sup>15</sup>. Excess soil cuttings were collected in drums, temporarily stored on-site, and subsequently disposed of off-site.

The detailed description of the soil, groundwater conditions, and stratigraphy as encountered at the borehole locations are recorded on the accompanying borehole logs presented in **Appendix B**.

All non-dedicated sampling equipment was decontaminated with potable water and detergent between each sampling interval, and all down-hole drilling equipment (i.e., augers, rods, etc.) was decontaminated with potable water and detergent between each borehole location.

## 5.3 Soil Sampling

Soils recovered from each borehole were logged using the Unified Soil Classification System (USCS), making special note of any visual or olfactory evidence of potential impacts. Soil samples were qualitatively and quantitatively screened in the field for the presence of impact. Qualitative screening was based on visual and olfactory observations, while quantitative screening was based on the measurement of undifferentiated volatile organic vapours and methane in the headspace of the soil samples collected. GHD field personnel screened the soil from the boreholes by placing a portion of the soil core in a Ziploc® bag and measuring relative concentrations of undifferentiated volatile organic vapour and methane readings in the headspace inside the bag using a photoionization detector (PID). The soil sample exhibiting the strongest field evidence of impact (i.e., high PID readings and visual and/or olfactory evidence of impact) was submitted for laboratory analyses. Soil samples were collected in laboratory-supplied glass containers, which

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<sup>15</sup> ASTM D1586-18 - Standard Test Method for Standard Penetration Test and Split-Barrel Samplings of the soil, ASTM International, West Conshohocken, PA 2015

were placed in a cooler containing ice for sample preservation. Field screening methods are further described in **Section 5.4**, below.

Soil samples were collected in laboratory-supplied containers, which were placed in a cooler containing ice for sample preservation. All soil samples were collected using the required sampling techniques in accordance with O Reg. 153/04. A total of 64 soil samples (including eight [8] field duplicate samples) were collected for chemical laboratory analysis. Soil samples were submitted for laboratory analysis of one or more of the following parameters: VOCs, PAHs, metals and inorganics, OC Pesticides, PHCs F<sub>1</sub>-F<sub>4</sub>, and general chemistry (EC, cyanide, moisture, pH, and SAR). Additionally, five (5) soil samples were analyzed for mSPLP VOCs, metals, and general chemistry analysis. One (1) soil sample was collected for waste characterization. For quality control purposes, GHD collected eight (8) field duplicate soil samples generally collected at a frequency of one sample for every ten samples and submitted three (3) trip blanks with the laboratory submissions.

Stratigraphic logs for all boreholes/monitoring wells advanced and installed by GHD are provided in **Appendix B**. The locations of all investigative locations are provided on **Figure 2**.

## 5.4 Field Screening Measurements

GHD field personnel screened the soil from the boreholes by placing a portion of the soil core in a Ziploc® bag and measuring relative concentrations of undifferentiated volatile organic vapour readings and methane readings using a PID and RKI GX-2012 multi-gas detector. A portion of each soil core was placed into a clean plastic bag and sealed, at which point the sample was disturbed to allow VOC and methane vapours to be released from the soil sample. Undifferentiated VOC vapour readings were then measured in the headspace inside the bag using the detector. Elevated undifferentiated VOC concentrations were used, along with visual and olfactory field observations, in the selection of analytical soil sample intervals.

Prior to use, the detector was inspected and calibrated according to the manufacturer's recommendations. Calibrating the PID and RKI GX-2012 multi-gas detector is a two-point process using "fresh air" and the standard reference gas (also known as span gas). A "fresh air" calibration, which contained no detectable VOC (0.0 ppm), was used to set the zero point for the sensor. Then, a standard reference gas of known concentration was used to set the second point of reference. Once the reference point had been calibrated, a "bump test" was completed by reapplying the reference gas to ensure that the correct reading was indicated by the detector.

The PID model specifications are listed below:

|                                     |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Detector:                           | Photo ionization detector with 10.6 eV UV lamp                    |
| Measurement Accuracy (Isobutylene): | < 600 ppm: ± 0.01 ppm of reading<br>> 600 ppm: ± 1 ppm of reading |
| Calibration:                        | Two-point field calibration of zero and standard reference gas    |

The RKI GX-2012 model specifications are listed below:

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Detector:                   | RKI GX-2012                                                    |
| Measurement Accuracy:       | ± 5% of reading or ± 2 % lower explosive limit (LEL)           |
| Methane (CH <sub>4</sub> ): | 0 – 100% LEL                                                   |
| Calibration:                | Two-point field calibration of zero and standard reference gas |

The VOC field screening of the soil samples are presented on the borehole stratigraphic and instrumentation logs provided in **Appendix B**. No elevated methane readings were recorded. Elevated VOC readings (i.e., greater than 18 ppm) were detected during the Phase Two ESA at boreholes BH25-03, MW25-08, MW25-11, and MW25-14 and submitted for PHC and VOC analysis.

## 5.5 Groundwater Monitoring Well Installation

Groundwater monitoring wells were installed at five (5) borehole locations (designated as MW25-07, MW25-08, MW25-11, MW25-14, and MW25-18). The groundwater monitoring wells were installed as part of the concurrently completed geotechnical and hydrogeological assessment of the Site.

The groundwater monitoring wells were constructed with a 50-mm (2-inch) diameter, Schedule 40 polyvinyl chloride (PVC) riser with a 1.5 m (5 feet) long or 3.0 m (10 feet) long, No. 10 slot size well screen. The well screens were installed to straddle the groundwater table based on wet/saturated soil conditions encountered during borehole advancement activities. A silica sand pack was placed in the annular space between the PVC screen/riser pipe and the borehole to a height of approximately 0.60 m above the top of the screen. A bentonite seal was placed directly above the sand pack and extended to within 0.6 m of the ground surface. To complete the instrumentation, an expandable J-plug was installed on the riser pipe of the monitoring well. A protective monument casing was placed around each of the monitoring wells upon completion.

In accordance with Ontario Regulation 903 (O. Reg. 903), the monitoring wells were registered with the MECP. A summary of monitoring well construction details, including ground surface, top of riser, and screened interval elevations, is provided in **Table 2**. The locations of the monitoring wells are shown on **Figure 2**. The stratigraphic and instrumentation logs are provided in **Appendix B**.

## 5.6 Groundwater Field Measurements of Water Quality Parameters

No COCs were identified in groundwater. As such, environmental groundwater samples were not collected. The hydrogeological investigation was carried out concurrently with the geotechnical and environmental investigations. The findings of the hydrogeological investigation are documented in a separate report.

## 5.7 Groundwater Sampling

Groundwater sampling was not completed during the Phase Two ESA as groundwater was not identified as a potentially contaminated media in Phase One ESA.

## 5.8 Sediment Sampling

Sediment sampling was not completed during the Phase Two ESA as water bodies are not present at the Site and sediment was not identified as a potentially contaminated media in Phase One ESA.

## 5.9 Analytical Testing

All soil samples were submitted under chain-of-custody protocol to ALS Laboratory Group (ALS) for chemical analysis. ALS is accredited by the Canadian Association for Laboratory Accreditation, a MECP-approved accreditation body.

A GHD chemist reviewed analytical data and prepared Analytical Data Verification per O. Reg. 153/04 guidance. Copies of all the analytical laboratory reports and the Analytical Data Verification Memorandum are provided in **Appendix C**.

## 5.10 Residue Management Procedures

Soil cuttings, equipment decontamination wash water, and purged groundwater were all containerized in 205-litre metal drums.

GHD collected one representative soil sample for TCLP analysis to characterize the soil cuttings for off-Site disposal at a MECP-approved waste disposal facility. The analytical data were assessed with respect to O. Reg. 558, Schedule 4 Leachate Quality Criteria, and are summarized in **Table 4D**.

Based on the analytical results, the soil cuttings generated during the drilling activities were classified as “non-hazardous” for waste disposal purposes. The soil drums were removed by Landshark Group on July 16, 2025.

GHD also submitted five (5) soil samples for analysis in accordance with the mSPLP, to support an evaluation of soil quality for future off-Site disposal purposes. A summary of soil analytical results of mSPLP VOCs and metals analysis is presented in **Table 4C**.

## 5.11 Elevation Surveying

On June 30, 2025, GHD field personnel completed elevation surveying of monitoring well locations and boreholes. The ground surface elevation of each monitoring well and top of riser pipe elevation of each monitoring well were surveyed using GPS equipment. The as-drilled borehole locations and ground surface elevations were obtained using a Trimble and Leica SmartNet unit with an accuracy  $\pm 2$  cm. The locations given on the Borehole Records are positioned relative to UTM Coordinates (UTM-17T NAD83) northing and easting coordinates and the ground surface elevations are referenced to Geodetic datum. The UTM coordinates, geodetic elevations, and depth of the boreholes/monitoring wells are summarized in **Table 2** (summary of monitoring well completion details) and **Table 4A** and **Table 4B** (summary of groundwater level measurements and elevations).

## 5.12 Quality Assurance and Quality Control Measures

A QA/QC program was implemented during Phase Two ESA to ensure quality data was generated.

This program involved both field and laboratory QA/QC measures. The QA/QC program was initiated to ensure that if any form of sample contamination occurs, or if any lack of precision in the analytical methods employed is evident, the potential source and degree of the contamination or analytical imprecision can be identified and adequately addressed.

Samples were collected in clean laboratory-supplied sampling containers with the appropriate preservative and submitted under chain of custody protocol to ALS for chemical analysis in accordance with O. Reg. 153/04. Soil samples that were submitted for analysis of volatile parameters (e.g., VOCs and PHC F<sub>1</sub>) were collected using the methanol preservation method. From the time of sample collection to the time of submission to the laboratory, samples were stored in a cooler with ice or ice packs to maintain sample integrity.

The following field measures were taken for QA purposes:

- Between the collection of each soil sample, GHD field personnel donned a new pair of disposable nitrile gloves.

- Prior to use, and between each borehole location, the drilling and non-dedicated sampling equipment was scrubbed clean using a hard bristled brush (where needed), Alconox® soap, and potable water, followed by a potable water rinse.
- Dedicated sampling equipment (e.g. Ziploc® bags, etc.) was used to reduce the potential for cross-contamination.
- To validate the field analysis, a minimum of one QA/QC field duplicate sample was collected for every 10 samples for each analytical parameter of soil media and submitted for laboratory analysis. A total of three (3) trip blanks were also submitted for the soil samples where analysis of volatile parameters was required.
- QC samples were also analyzed by the laboratory as required by their analytical methods.

## 6. Review and Evaluation

This review and evaluation section describes the results of the Phase Two ESA. An overview of the contents of each subsection is provided in the following table:

| Section | Title                                     | Contents                                                                                                                                                                                                                                                                                                                                      |
|---------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.1     | Geology                                   | Investigative and Cross-Section Location Map ( <b>Figure 5A</b> )<br>Cross-Section A-A' ( <b>Figure 5B</b> )<br>Cross-Section B-B' ( <b>Figure 5C</b> )<br>Cross-Section C-C' ( <b>Figure 5D</b> )<br>Cross-Section D-D' ( <b>Figure 5E</b> )                                                                                                 |
| 6.2     | Groundwater Elevations and Flow Direction | Summary of monitoring well and borehole completion details ( <b>Table 2</b> )<br>Groundwater level measurements and elevations ( <b>Table 3A</b> and <b>Table 3B</b> )<br>Depth to Groundwater (July 10, 2025) ( <b>Figure 4A</b> )<br>Groundwater Elevation Contour Map (July 10, 2025) ( <b>Figure 4B</b> )                                 |
| 6.3     | Groundwater Hydraulic Gradients           | Description of hydraulic conditions<br>Horizontal and vertical hydraulic gradients                                                                                                                                                                                                                                                            |
| 6.4     | Hydraulic Conductivity                    | Hydraulic conductivity determination<br>Groundwater flow velocity                                                                                                                                                                                                                                                                             |
| 6.5     | Soil Texture                              | Rationale for using the Standards for medium-fine textured soil                                                                                                                                                                                                                                                                               |
| 6.6     | Soil Field Screening                      | Discussion of field screening results                                                                                                                                                                                                                                                                                                         |
| 6.7     | Soil Quality                              | Location and depths of soil samples ( <b>Table 1</b> )<br>Evaluation of soil analytical data compared to 2011 MECP Table 2 Standards ( <b>Table 4A</b> )<br>Maximum soil concentrations ( <b>Table 4B</b> )<br>Summary of Leachate Soil Analytical Results ( <b>Table 4C</b> )<br>Summary of TCLP Soil Analytical Results ( <b>Table 4D</b> ) |
| 6.8     | Groundwater Quality                       | Groundwater sampling was not completed during the Phase Two ESA as groundwater was not identified as a potentially contaminated media in Phase One ESA.                                                                                                                                                                                       |
| 6.9     | Sediment Quality                          | Sediment sampling was not completed during the Phase Two ESA as water bodies are not present at the Site and sediment was not identified as a potentially contaminated media in Phase One ESA.                                                                                                                                                |
| 6.10    | QA/QC Results                             | Review and summary of QA/QC analytical data                                                                                                                                                                                                                                                                                                   |



| Section | Title                           | Contents                                                                                                                                               |
|---------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.11    | Phase Two Conceptual Site Model | Description of PCAs and APECs<br>Potential contaminant distribution and transport pathways<br>Geology and hydrogeology<br>Nature and extent of impacts |

The locations of all investigative locations are provided on **Figure 2**.

## 6.1 Geology

The Site is located at Till Plains (Drumlinized) Landform within the South Slope physiographic region as delineated in the Physiography of Southern Ontario (Chapman and Putman, 1984)<sup>16</sup>. Regional surficial geology mapping of the area indicates that the site is covered by thin layers overburden glacial deposits which predominantly consists of clay and silt followed by shale bedrock. The bedrock at this site is very shallow and is anticipated to be approximately less than 3 mBGS, consisting of grey and red shale belonging to the Queenston formations<sup>17</sup>. Based on the geology encountered during the Phase Two ESA, bedrock was encountered at a depth between 2.11 m and 3.81 m BGS, therefore, shallow soil condition standards would not apply at the Site.

The interpreted geological conditions at the Site are based on the review of the stratigraphic logs from the Phase Two ESA completed by GHD. Based on stratigraphy encountered during the investigation GHD completed at the Site, the generalized subsurface conditions encountered in the boreholes consisted of surficial layers of topsoil followed by a cohesive firm to very stiff lean clay and/or silty clay fill or reworked native layers. The fill or reworked native layer extended to depths ranging between 0.8 m and 1.52 m BGS (elevation varying between 161.9 m and 157.4 m). Below the fill or reworked native material, a stiff to hard cohesive deposit consisting of lean clay of carrying composition (lean clay with sand, sandy lean clay, sandy silty clay, and sandy silty clay with gravel) was encountered with depths varying between 2.1 m and 3.8 m BGS (Elevation 158.7 m to 156.5 m). The cohesive deposit was further underlain by weathered shale and shale bedrock.

Four geologic cross-sections were prepared for the Site. The geologic cross-sections depict the generalized stratigraphy across the Site as well as the groundwater elevation. The location of the geologic cross-section is shown on **Figure 5A**. Geologic cross-sections A-A' through D-D' are shown on **Figure 5B to Figure 5E**. The elevations displayed on the cross-section are in m AMSL. Stratigraphic logs for boreholes/monitoring wells are provided in **Appendix B**.

## 6.2 Groundwater Elevations and Flow Direction

The interpreted hydrogeological conditions at the Site are based on a review of the stratigraphic logs and groundwater elevations for the Site. The monitoring well completion details are provided in **Table 2** and a summary of the groundwater level measurements and elevations is provided in **Table 3A** and **Table 3B**.

GHD measured the depth to groundwater on June 20, June 23, June 27, July 10, and July 11, 2025, before well development and sampling activities as part of the hydrogeological investigation. The depth to groundwater was measured relative to a specific reference point for the monitoring well (i.e., the top of the monitoring well riser pipe).

<sup>16</sup> Chapman, L.J. and Putnam, D.F., 1984. The Physiography of Southern Ontario. Ontario Geological Survey, Special Volume 2.

<sup>17</sup> Ontario Geological Survey 1991. Bedrock geology of Ontario, southern sheet; Ontario Geological Survey, Map2544, scale 1:1 000 000

For the July 10, 2025, monitoring event, the groundwater level measurements indicate that the groundwater table is present at depths ranging between 0.44 m BGS at MW25-07 and 2.6 m BGS at MW25-11. The elevations of the groundwater table vary from 156.34 m AMSL at MW25-18 and 159.12 m AMSL at MW25-07.

The depth to water table based on the groundwater level measurements collected on July 10, 2025 are presented on **Figure 4A**. Groundwater elevation contours were prepared based on the groundwater level measurements collected on July 10, 2025, and are presented on **Figure 4B**. The groundwater elevation contours indicate that groundwater flow is generally in a southeasterly direction based on monitoring wells screened to a depth of approximately 3.05 to 5.18 m BGS and screened within the Sandy Silty Clay / Sandy Lean Clay / Shale. The southeast groundwater flow direction across the Site is consistent with the regional groundwater flow direction based on the location of Lake Ontario and regional topography.

It should be noted that groundwater levels will be monitored as part of the long-term groundwater level monitoring for the hydrogeological study, which is documented under separate cover. Fluctuations in the groundwater table may occur at the Site due to seasonal weather cycles; however, GHD did not identify any other significant influences contributing to temporal groundwater variability.

The potential presence of non-aqueous phase liquid (NAPL) was investigated through the use of an oil/water interface probe at each monitoring well location. NAPL was not encountered at any of the monitoring well locations.

## 6.3 Groundwater Hydraulic Gradients

Based on the groundwater level measurements, the horizontal hydraulic gradient was determined as follows using the groundwater monitoring wells:

$$i_h = \frac{(h_2 - h_1)}{L}$$

Where:

$i_h$  = horizontal hydraulic gradient (unitless)

$(h_2 - h_1)$  = difference in the hydraulic head with groundwater flow path (m) using the July 10, 2025, groundwater elevation data

$L$  = horizontal distance between wells (m)

Using the monitoring wells MW25-07 and MW25-11:

$$i_h = \frac{159.12 \text{ m} - 156.65 \text{ m}}{44.8 \text{ m}} = \frac{2.47 \text{ m}}{44.8 \text{ m}} = 0.055 \text{ m/m}$$

Single well response tests (SWRTs) were completed on select monitoring wells as part of the hydrogeological investigation. The results of the single well response test are discussed in GHD's Hydrogeological Investigation report, documented under separate cover.

## 6.4 Hydraulic Conductivity

In-situ hydraulic response testing referred to as SWRT were completed at select monitoring wells (MW25-07, MW25-11, and MW25-18) to estimate the horizontal hydraulic conductivity of the water-bearing deposits. SWRT provides an assessment of the properties and conditions of the aquifer/aquitard units.

Single well response tests involve the injection or removal of a known volume of water into/from the well and measuring the water level response in the well until it returns to static conditions (i.e., falling/rising head test). The results of the hydraulic testing were analyzed using the Bouwer and Rice (1976)<sup>18</sup> solution for unconfined conditions using the software AQTESOLV™. These solutions were used to determine the horizontal hydraulic conductivity of the geologic deposits within the immediate vicinity of the screened interval of each monitoring well. The results of the single well response test will be fully discussed in the Hydrogeological Assessment documented under separate cover.

## 6.5 Soil Texture

During a geotechnical investigation at the Site completed by GHD, (the results of which are documented under separate cover), grain-size analyses consisting of sieve and hydrometer testing was carried out on select soil samples extracted from the boreholes. The obtained results are reported in the borehole logs and are tabulated in the following table.

Under Section 42 of O. Reg. 153/04, the soil is considered medium and fine-textured if it contains 50% or more by mass particles that are smaller than 75 microns in mean diameter. Based on a review of the hydrometer and grain-size analysis collected as part of the geotechnical investigation completed by GHD for the Site, grain size analyses consisting of sieve and hydrometer testing were conducted on select soil samples extracted from the boreholes across the Site.

A tabulated summary of the grain size analysis is presented below.

### *Grain Size Distribution– Fill Material*

| Borehole ID | Sample Number | Depth (mBGS) | Grain Size Distribution |          |          |          | Soil Description – (USCS Classification) |
|-------------|---------------|--------------|-------------------------|----------|----------|----------|------------------------------------------|
|             |               |              | Gravel (%)              | Sand (%) | Silt (%) | Clay (%) |                                          |
| MW25-11     | SS2           | 0.8 – 1.4    | 9                       | 14       | 49       | 28       | CL – Lean Clay with Sand                 |
| BH25-15     | SS5           | 0.8 – 1.4    | 2                       | 17       | 59       | 22       | CL – Lean Clay with Sand                 |

### *Grain Size Distribution – Cohesive deposit*

| Borehole ID | Sample Number | Depth (mBGS) | Grain Size Distribution |          |          |         | Soil Description – (USCS Classification) |
|-------------|---------------|--------------|-------------------------|----------|----------|---------|------------------------------------------|
|             |               |              | Gravel (%)              | Sand (%) | Silt (%) | Clay(%) |                                          |
| BH25-01     | SS3           | 1.5 – 2.1    | 3                       | 25       | 61       | 11      | CL – Lean Clay with Sand                 |
| BH25-02     | SS2           | 2.3 – 2.9    | 7                       | 35       | 45       | 13      | CL – ML Sandy Silty Clay                 |
| BH25-03     | SS3           | 1.5 – 2.1    | 6                       | 15       | 60       | 19      | CL – Lean Clay with Sand                 |
| BH25-04     | SS2           | 0.8 – 1.4    | 3                       | 23       | 56       | 18      | CL – Lean Clay with Sand                 |
| BH25-05     | SS4           | 2.3 – 2.9    | 3                       | 34       | 48       | 15      | CL – Sandy Lean Clay                     |
| BH25-06     | SS3           | 1.5 – 2.1    | 3                       | 22       | 61       | 14      | CL – Lean Clay with Sand                 |

<sup>18</sup> Bouwer, H. and R.C. Rice, 1976. A slug test method for determining hydraulic conductivity of unconfined aquifers with completely or partially penetrating wells, Water Resources Research, vol 12, no. 3, pp. 423-428.

| Borehole ID | Sample Number | Depth (mBGS) | Grain Size Distribution |          |          |         | Soil Description – (USCS Classification) |
|-------------|---------------|--------------|-------------------------|----------|----------|---------|------------------------------------------|
|             |               |              | Gravel (%)              | Sand (%) | Silt (%) | Clay(%) |                                          |
| MW25-07     | SS3           | 1.5 – 2.1    | 17                      | 21       | 51       | 11      | CL – ML Sandy Silty Clay with gravel     |
| MW25-08     | SS4           | 2.3 – 2.9    | 4                       | 31       | 49       | 16      | CL – Sandy Lean Clay                     |
| BH25-09     | SS3           | 1.5 – 2.1    | 12                      | 37       | 41       | 10      | CL – ML Sandy Silty Clay                 |
| BH25-10     | SS2           | 0.8 – 1.4    | 5                       | 24       | 52       | 19      | CL – Lean Clay with Sand                 |
| BH25-12     | SS4           | 2.3 – 2.9    | 7                       | 23       | 54       | 16      | CL – Sandy Lean Clay                     |
| BH25-13     | SS3           | 1.5 – 2.1    | 7                       | 17       | 57       | 19      | CL – Lean Clay with Sand                 |
| MW25-14     | SS3           | 1.5 – 2.1    | 7                       | 23       | 51       | 19      | CL – Sandy Lean Clay                     |
| BH25-16     | SS3           | 1.5 – 2.1    | 4                       | 24       | 53       | 19      | CL – Lean Clay with Sand                 |
| BH25-17     | SS4           | 2.3 – 2.9    | 12                      | 29       | 42       | 17      | CL – Sandy Lean Clay                     |
| MW25-18     | SS3           | 1.5 – 2.1    | 23                      | 29       | 40       | 8       | CL – ML Sandy Silty Clay with gravel     |

Based on the hydrometer and grain-size analysis results and review of the borehole logs, the majority of the soils sampled to investigate APECs at the Site are comprised of medium and fined textured soils. On this basis, medium-fine textured soil Standards were utilized.

## 6.6 Soil Field Screening

During borehole advancement, GHD completed soil field screening of soil samples by collecting a separate aliquot of each sample placed in a sealed bag and allowing it to equilibrate to ambient temperature. The atmosphere within the sealed bag was subsequently screened for the presence of organic vapours with a photoionization detector and documenting any visual or olfactory evidence of impacts as discussed in **Section 5.4**.

The results of the soil field screening and corresponding sample depth intervals are provided on the stratigraphic and instrumentation logs provided in **Appendix B**. Elevated PID readings (i.e., greater than 18 ppm) were detected during the Phase Two ESA at boreholes BH25-03, MW25-08, MW25-11, and MW25-14 and submitted for PHC and VOC analysis.

## 6.7 Soil Quality

A total of 64 soil samples (including eight [8] field duplicate samples) were collected and submitted for bulk chemical analysis of one or more of the following parameters during the Phase Two ESA.

- VOCs
- PAHs
- Metals, Arsenic (As), Antimony (Sb), Selenium (Se), Chromium (hexavalent) Cr (VI), and Mercury (Hg)
- OC Pesticides
- PHC Fractions F1 to F4

- General chemistry (acid volatile sulfide, chloride (soluble), sulfate (water soluble), EC, cyanide [CN-], moisture, oxidation reduction potential (ORP), pH, and SAR)

The above soil samples were collected to accurately characterize the environmental sensitivity of the Site and to ensure that soil quality had been investigated in the APECs. The rationale for the soil sample locations, sample intervals, and the parameters sampled is detailed in the SAP, included as **Appendix A**.

A summary of sample locations and chemical analysis is provided in **Table 1**. The soil analytical data generated during the Phase Two ESA were assessed with respect to the Table 2 Full-Depth Site Condition Standards in a Potable Groundwater Condition for Industrial/Commercial/Community Property Use for medium-fine textured soils and are provided in **Table 4A**. A summary of the maximum soil concentration data is provided in **Table 4B**. Based on review of the soil analytical results, all analyzed parameters were either not detected above the laboratory reporting limits or were detected at concentrations below the MECP Table 2 Standards.

#### ***Leachate Analytical Results***

Five (5) soil samples were analyzed for mSPLP VOCs and metals analysis. The detected concentrations in the analyzed soil samples met the applicable Leachate Screening Levels. A summary of soil analytical results mSPLP VOCs and metals analysis is presented in **Table 4C**.

#### ***Waste Characterization Analytical Results***

One (1) representative soil sample was analysed for TCLP analysis to characterize the soil cuttings for off-Site disposal at a MECP-approved waste disposal facility. Based on the TCLP analytical results, the soil cuttings generated during the drilling activities were classified as “non-hazardous” solid waste. A summary of the TCLP soil analytical results is provided in **Table 4D**.

## **6.8 Groundwater Quality**

Groundwater sampling was not completed during Phase Two ESA as groundwater was not identified as a potentially contaminated media in Phase One ESA.

## **6.9 Sediment Quality**

Sediment sampling was not completed during Phase Two ESA water bodies are not present at the Site and sediment was not identified as a potentially contaminated media in Phase One ESA.

## **6.10 Quality Assurance and Quality Control Results**

A total of eight (8) field duplicate soil samples were collected and analyzed during Phase Two ESA. A total of three (3) trip blanks were also submitted for the soil samples submissions were analyzed for VOCs and PHC F<sub>1</sub>. QA/QC samples were also analyzed by the laboratory as required by their analytical methods.

Evaluation of the laboratory analytical data quality is provided in the data verification assessment. The data verification assessment was prepared by a GHD chemist for all analytical data collected as part of this sampling program. The chemist's evaluations indicated that the analytical data are acceptable for their intended use with appropriate data qualifiers as noted. A copy of the data verification assessment memorandum is provided in **Appendix C**.

## 6.11 Phase Two Conceptual Site Model (CSM)

The following presents a CSM of the Phase Two Environmental Site Assessment (ESA) property located north of William Halton Parkway in Oakville, Ontario (herein referred to as the “Site” or the “Property”). A Site Location Map and a Site Plan are provided on **Figure 1** and **Figure 2**, respectively.

The Site is a vacant agricultural property located along the northern side of William Halton Parkway (west of 2000 Glenorchy Road, Oakville, Ontario) and is approximately 8.4 acres (3.4 hectares) size. The Site was vacant undeveloped land or utilized as agricultural cropland since at least 1877. The Site is legally described as Part of Part 10 on Plan 20R-21343 (dated January 9, 2019). The entire Site was covered with long grass, with a seasonal drainage feature of limited standing water oriented in a northwest to southeast direction through the center of the Site. There are no structures present on the Site. No water bodies, as defined by O. Reg. 153/04, are located on the Site. In general, the Site is surrounded by vacant agricultural land to the north and west and mixed institutional/residential properties to the east and south.

The Phase Two ESA was conducted in general accordance with the requirements of Ontario Regulation 153/04, as amended (O. Reg. 153/04) and IO's *Site Investigation Guidelines for Due Diligence and Design Purposes Social and Civil Infrastructure Projects* (August 2022). It is GHD's understanding that the Phase Two ESA was completed for due diligence purposes to support the proposed construction of a new four storey, slab-on-grade building to be used as a research and science facility by the MECP and MLITSD. GHD understands that a Record of Site Condition (RSC) is not required to support the proposed development.

### 6.11.1 Potentially Contaminating Activities and Areas of Potential Environmental Concern

GHD previously completed a Phase One ESA of the Site in July 2025. The results of GHD's Phase One ESA are summarized in a report entitled:

"Phase One Environmental Site Assessment, Oakville Land Assembly (William Halton Pkwy West), Oakville, Ontario" prepared for Infrastructure Ontario, dated July 31, 2025.

The MECP provides a list of PCAs in Schedule D of O. Reg. 153/04, under the Environmental Protection Act. The following APECs have been identified by the Phase One ESA records review and Site reconnaissance and are summarized in the table below. This table is used to list and describe each PCA at the Property and each PCA in the Phase One ESA Study Area that may be contributing to APECs at the Property. The Phase One Site Conceptual Model is depicted on **Figure 3**.

**Table of Areas of Potential Environmental Concern**  
**Proposed MECP-MLTSD Science Facility Complex, Oakville Land Assembly - William Halton Parkway,**  
**Oakville, Ontario**  
**[Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04]**

| Area of Potential Environmental Concern <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Location of Area of Potential Environmental Concern on Phase One Property | Potentially Contaminating Activity <sup>2</sup>                                                                                                  | Location of PCA (on-site or off-site) | Contaminants of Potential Concern <sup>3</sup>                                                                                         | Media Potentially Impacted (Ground Water, Soil and/or Sediment) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| <b>APEC #1</b> – Imported fill material during development of south adjacent property                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Across the Phase One Property                                             | #30 – Importation of Fill of Unknown Quality                                                                                                     | On-Site                               | metals, hydride-forming metals, PHC, BTEX, PAHs, VOCs, Electrical Conductivity, As, Sb, Se, Na, Cl, SAR, Cr(VI), Hg, CN, B-HWS, and pH | Soil                                                            |
| <b>APEC #2</b> – Application of Pesticides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Across the Phase One Property                                             | #40 – Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications | On-Site                               | OCs                                                                                                                                    | Soil                                                            |
| <b>APEC #3</b> – De-icing salts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Across the Phase One Property                                             | A – Application of de-icing agents                                                                                                               | On-Site                               | SAR, EC                                                                                                                                | Soil                                                            |
| <b>Notes:</b><br>1 Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through:<br>(a) Identification of past or present uses on, in or under the phase one property.<br>(b) Identification of potentially contaminating activity.<br>2 Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area.<br>3 When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the "Protocol for Analytical Methods in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below: |                                                                           |                                                                                                                                                  |                                       |                                                                                                                                        |                                                                 |
| Acid base neutral extractable (ABNs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Petroleum hydrocarbons (PHCs)                                             | Benzene, toluene, ethylbenzene and xylenes (BTEX)                                                                                                | Boron, hot water soluble (B-HWS)      | Mercury (Hg)                                                                                                                           |                                                                 |
| Chlorophenols (CPs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Polychlorinated biphenyls (PCBs)                                          | Calcium (Ca), magnesium (Mg)                                                                                                                     | Chloride (Cl <sup>-</sup> )           | Methyl Mercury                                                                                                                         |                                                                 |
| 1,4-Dioxane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Polycyclic aromatic hydrocarbons (PAHs)                                   | Metals                                                                                                                                           | Cyanide (CN <sup>-</sup> )            | high pH                                                                                                                                |                                                                 |
| Dioxins/Furans, PCDDs/PCDFs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Trihalomethanes (THMs)                                                    | Arsenic (As), antimony (Sb), selenium (Se)                                                                                                       | Electrical conductivity (EC)          | low pH                                                                                                                                 |                                                                 |
| Organochlorine pesticides (OCs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Volatile organic compounds (VOCs)                                         | Sodium (Na)                                                                                                                                      | Chromium (hexavalent) [Cr (VI)]       | Sodium adsorption ratio (SAR)                                                                                                          |                                                                 |

The objective of the Phase Two ESA was to investigate the APECs identified during the 2025 Phase One ESA and to document general soil quality at the Site in support of the proposed development. The APECs identified during the 2025 Phase One ESA (shown on **Figure 3**) are as follows:

1. **Imported fill material during development of south adjacent property (APEC #1):** GHD identified evidence of imported fill material at the Site based on a review of historical aerial photographs. Through the review of historical aerial photographs, the Phase One Property appears to have had fill placed and grading activities carried out along the southern half of the Site, likely during construction of the road and Oakville Trafalgar Memorial Hospital located adjacent to the south of the Site, between 2008 and 2017 from an unknown source. In addition, fill material may have been placed on the northern portion of the Site during the installation of utilities adjacent to the north of the Site. Based on the limited amount of soil samples collected in the 2019 Phase Two GHD investigation, Importation of Fill Material of Unknown Quality has been identified as a PCA (#30 – Importation of Fill Material of Unknown Quality) and has been identified as an APEC (**APEC #1**) on the entire Site.
2. **Application of Pesticides (APEC #2):** Based on a review of historical records and aerial photography, the Site has been and is currently being used for agricultural purposes since at least 1877. No information was available regarding the use of pesticides on the Site. The potential for application of pesticides presents a PCA (#40 – Pesticides [including Herbicides, Fungicides and Anti-Fouling Agents] Manufacturing, Processing, Bulk Storage and Large-Scale Applications) and has been identified as an APEC (**APEC #2**) across the Site. Chemicals of concern consists of Organochlorine (OC) pesticides.
3. **Application of De-icing Agents (APEC #3):** Road salt has been applied on the adjoining Halton William Parkway and at the ErinOak Kids Centre for Treatment and Development on the east adjacent property, during winter months for the safety of vehicular or pedestrian traffic under conditions of snow or ice or both. The application of road salt in the vicinity of the Site has the potential to result in elevated sodium adsorption ratio (SAR) and electrical conductivity (EC) in soil and represent an on-Site PCA having the potential to contribute to an APEC (**APEC #3**) along the southern portion of the Site.

GHD developed a Sampling and Analysis Plan (SAP) to investigate the above APECs.

The SAP includes the advancement of boreholes, collection of soil samples, instrumentation of monitoring wells, and surveying of investigative locations. The complete SAP is included in **Appendix A**.

## Potential Contaminant Distribution and Preferential Transport Pathways

Existing utilities at the Property reportedly include municipal sanitary and storm sewers. During Phase Two ESA, the depth to groundwater at the Site indicates that levels ranged from 0.44 m BGS at MW25-07 and 2.6 m BGS at MW25-11 and the water table elevation ranged from 156.34 m AMSL at MW25-18 and 159.12 m AMSL at MW25-07. If any active or inactive underground utilities are potentially present in areas at the Site where the perched groundwater table was encountered, then the underground utilities may affect contaminant distribution if contaminants were present.

There was no indication that climate or meteorological conditions may have influenced the distribution or migration of COCs.

## 6.11.2 Physical Setting of the Phase Two ESA Property

### Geological Characteristics

The interpreted geological conditions at the Site are based on the review of the stratigraphic logs from the Phase Two ESA completed by GHD. Four geologic cross-sections were prepared for the Site. The geologic cross-sections depict the generalized stratigraphy across the Site as well as the groundwater elevation. The location of the geologic cross-section is shown on **Figure 5A**. Geologic cross-sections A-A' through D-D' are shown on **Figure 5B** to



**Figure 5E.** The elevations displayed on the cross-section are in mAMSL. Stratigraphic logs for boreholes/monitoring wells advanced and installed by GHD as part of the Phase Two ESA are provided in **Appendix B**.

The generalized subsurface conditions encountered in the boreholes consisted of surficial layers of topsoil followed by a cohesive firm to very stiff lean clay and/or silty clay fill or reworked native layers. The fill or reworked native layer extended to depths ranging between 0.8 m and 1.52 m BGS (elevation varying between 161.9 m and 157.4 m). Below the fill or reworked native material, a stiff to hard cohesive deposit consisting of lean clay of varying composition (lean clay with sand, sandy lean clay, sandy silty clay, and sandy silty clay with gravel) was encountered with depths varying between 2.1 m and 3.8 m BGS (Elevation 158.7 m to 156.5 m). The cohesive deposit was further underlain by weathered shale and shale bedrock.

## Hydrogeological Characteristics

In-situ hydraulic response testing referred to as SWRT were completed at select monitoring wells to estimate the horizontal hydraulic conductivity of the water-bearing deposits. SWRT provides an assessment of the properties and conditions of the aquifer/aquitard units.

Single well response tests involve the injection or removal of a known volume of water into/from the well and measuring the water level response in the well until it returns to static conditions (i.e., falling/rising head test). The results of the hydraulic testing were analyzed using the Bouwer and Rice (1976)<sup>19</sup> solution for unconfined conditions using the software AQTESOLV™. These solutions were used to determine the horizontal hydraulic conductivity of the geologic deposits within the immediate vicinity of the screened interval of each monitoring well. The results of the single well response test will be fully discussed in the Hydrogeological Assessment documented under separate cover.

## Depth to Water Table

Manual groundwater level monitoring was collected starting from June 20, 2025 as part of the hydrogeological investigation, and will be collected quarterly, and continuous levels will be collected through electronic data loggers for a year to verify and further assess stable groundwater levels and seasonal fluctuations. GHD measured the depth to groundwater on June 20, June 23, June 27, July 10, and July 11, 2025, before well development and sampling activities. The depth to groundwater was measured relative to a specific reference point for the monitoring well (i.e., the top of the monitoring well riser pipe).

For the July 10, 2025, monitoring event, the groundwater level measurements indicate that the groundwater table is present at depths ranging between 0.44 m BGS at MW25-07 and 2.6 m BGS at MW25-11. The elevations of the groundwater table vary from 156.34 m AMSL at MW25-18 and 159.12 m AMSL at MW25-07.

The depth to water table based on the groundwater level measurements collected on July 10, 2025 are presented on **Figure 4A**. Based on the survey information of the top of riser pipe elevation, the groundwater surface or potentiometric elevation was determined and used to prepare groundwater elevation contours for the Site. Groundwater elevation contours were prepared based on the groundwater level measurements collected on July 10, 2025 and are presented on **Figure 4B**. The groundwater flow direction at the Site is interpreted to be southeasterly.

It should be noted that groundwater levels will be monitored as part of the long-term groundwater level monitoring for the hydrogeological study, which is documented under separate cover. Fluctuations in the groundwater table may occur at the Site due to seasonal weather cycles; however, GHD did not identify any other significant influences contributing to temporal groundwater variability.

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<sup>19</sup> Bouwer, H. and R.C. Rice, 1976. A slug test method for determining hydraulic conductivity of unconfined aquifers with completely or partially penetrating wells, *Water Resources Research*, vol 12, no. 3, pp. 423-428.

### 6.11.3 Application of Section 35, 41, 42.1, or 43.1

#### Application of Section 35 – Non-Potable Site Condition Standards

Based on a review of the Source Protection Areas, the Site and the surrounding areas within 250 metres (m) of the Site are located within the Halton Region Source Protection Area but outside of the intake protection zone.

Based on a RSC #225928 filed for the proposed road right of way located adjacent to the Site, potable water standards were applied for the road conveyance lands due to the nearby presence of Glenorchy Conservation Area. The Regional Municipality of Halton identified that potable standards should be applied to land within 30 m of the conservation lands.

Therefore, potable groundwater conditions would apply at the Site.

#### Application of Section 41 – Site Condition Standards, Environmentally Sensitive Areas

A summary of GHD's review is provided below:

1. The Site is not an area reserved or set apart as a provincial park or conservation reserve under the Provincial Parks and Conservation Reserves Act, 2006.
2. The Site is not considered to be an area of natural and scientific interest (life science or earth science) identified by the MNRF as having provincial significance. GHD reviewed the MNRF's – "Natural Heritage Information Centre" database to identify areas registered as Areas of Natural or Scientific Interest (ANSI). There were no ANSI's identified within 600 m radius of the Site.
3. The Site has not been identified by MNRF as a wetland.
4. The Site is not identified as an environmentally sensitive area in the Halton Region's Official Plan.
5. The Site is not an area designated as an escarpment natural area or an escarpment protection area by the Niagara Escarpment Plan under the Niagara Escarpment Planning and Development Act.
6. GHD completed a review of publicly available natural heritage information from the MNRF Natural Heritage Information Centre (NHIC), which includes records of threatened or endangered species on a 1-kilometer grid. Within the 1-kilometer grid areas that include part of the Site. The following species were listed as threatened and/or endangered within the Phase One ESA study area:
  - a. Redside Dace (*Clinostomus Elongatus*)
  - b. Eastern Meadowlark (*Sturnella magna*)
  - c. Boblink (*Dolichonyx oryzivrus*); and
  - d. Butternut (*Juglans cinerea*)
7. The Site is not a property within an area designated as a natural core area or natural linkage area within the area to which the Oak Ridges Moraine Conservation Plan under the Oak Ridges Moraine Conservation Act, 2001 applies.
8. The Site is not an area set apart as a wilderness area under the Wilderness Areas Act.

GHD understands the potential for habitat of sensitive species to be present has been addressed by third party consultants retained by IO. GHD did not identify any conditions that would confirm that the Site represents habitat of threatened or endangered species.

The soil pH in surface (0 to 1.5 mBGS) and subsurface (greater than 1.5 mBGS) soils was within the acceptable range of 5 and 9 for surface soils, and within acceptable range of 5 and 11 for subsurface soils, as outlined in Section 41 of O. Reg. 153/04. Soil pH values ranged between 6.32 and 7.82 within surface soils, and between 7.35 and 7.96 within subsurface soils.

### **Application of Section 42.1 – Site Condition Standards, Fine-Medium or Coarse Texture Conditions**

As part of the geotechnical investigation completed by GHD for the Site, grain-size analyses consisting of sieve and hydrometer testing were carried out on select soil samples extracted from the boreholes. Based on the results of the grain size analysis, the tested soil samples of the fill or reworked native soils is comprised of cohesive lean clay and/or silty clay. The fill or reworked native soil is underlain by cohesive deposit consisting of lean clay of varying composition (lean clay with sand, sandy lean clay, sandy silty clay, and sandy silty clay with gravel) followed by weathered shale and shale bedrock. Based on the hydrometer and grain-size analysis results and review of the borehole logs, the majority of soils sampled to investigate APECs at the Site are comprised of medium and fined textured soils. On this basis, medium-fine textured soil Standards were utilized.

### **Application of Section 43.1 – Site Condition Standards, Shallow Soil Property or Water Body**

No water bodies were identified within 30 m of the Site. A drainage feature is located on the Site, oriented in a northwest to southeast direction. At the time of the Phase One ESA Site inspection, GHD observed standing water in portions of the drainage feature. However, based on GHD's observations and a review of aerial images, the drainage feature does not appear to be a "permanent" feature, and as such, was not considered to be a water body as defined by O. Reg. 153/04. The nearest water body consists of the Sixteen Mile creek is located approximately 1 km east of the Site. As such, the Standards for use within 30 m of a water body were not considered applicable.

Section 43.1 (3) of O. Reg. 153/04 defines a shallow soil property as "a property of which 1/3 or more of the area consists of soil equal to or less than 2 m in depth beneath the soil surface, excluding any non-soil surface treatment". Based on observations during the field investigation and review of borehole logs, soils greater than 2 m in depth are present across the Site. As such, the Site is not considered to be shallow soil.

## **6.11.4 Areas Where Excess Soil Has been Brought to the Phase Two Property**

Excess soil has appeared to have been brought to the Site during fill placement and grading activities carried out along the southern half of the Site, likely during construction of the road and Oakville Trafalgar Memorial Hospital located adjacent to the south of the Site, between 2008 and 2017. Stockpiled material was also placed adjacent to the west of the Site between 2010 and 2017. The suspected fill material was tested and found to meet the applicable SCS.

## **6.11.5 Proposed Buildings or Structures**

The proposed development at the Site will include a new four storey, slab-on-grade building on the Property. The proposed building footprint is shown on **Figure 2**.

## **6.11.6 Areas Where Impacts were Identified**

GHD completed a soil investigation as part of the Phase Two ESA. Based on the results of the Phase Two ESA, the applicable Site Condition Standards were determined to be the Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition (2011 MECP Table 2 Standards). The soil analytical data was assessed with respect to the 2011 MECP Table 2 Standards for Industrial/Commercial/Community Property Use. Based on review of the soil analytical results, all analyzed parameters were either not detected above the laboratory reporting limits or were detected at concentrations below the MECP Table 2 Standards. Based on the investigations completed, there is no evidence of impacts related to any other APECs identified at the Site.

## 6.11.7 Nature and Extent of Impact

GHD completed a soil investigation as part of the Phase Two ESA. The soil and groundwater analytical results were compared to the generic standards provided in the Ministry of the Environment, Parks and Conservation (MECP) document entitled "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the *Environmental Protection Act*", dated April 15, 2011.

Based on the results of the Phase Two ESA, the applicable Site condition standards were determined to be Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition (2011 MECP Table 2 Standards).

A total of 64 soil samples (including eight [8] field duplicate samples) were collected and submitted for bulk chemical analysis of one or more of the following parameters during the Phase Two ESA.

- VOCs.
- PAHs.
- Metals, Arsenic (As), Antimony (Sb), Selenium (Se), Chromium (hexavalent) Cr (VI), and Mercury (Hg).
- OC Pesticides.
- PHC Fractions F1 to F4.
- General chemistry (acid volatile sulfide, chloride (soluble), sulfate (water soluble), EC, cyanide [CN-], moisture, oxidation reduction potential (ORP), pH, and SAR).

The above soil samples were collected to accurately characterize the environmental sensitivity of the Site and to ensure that soil quality had been investigated in the APECs. The rationale for the soil sample locations, sample intervals, and the parameters sampled is detailed in the SAP, included as **Appendix A**.

A summary of sample locations and chemical analysis is provided in **Table 1**. The soil analytical data generated during the Phase Two ESA were assessed with respect to the Table 2 Full-Depth Site Condition Standards in a Potable Groundwater Condition for Industrial/Commercial/Community Property Use for medium-fine textured soils and are provided in **Table 4A**. A summary of the maximum soil concentration data is provided in **Table 4B**. Based on review of the soil analytical results, all analyzed parameters were either not detected above the laboratory reporting limits or were detected at concentrations below the MECP Table 2 Standards.

### **Leachate Analytical Results**

Five (5) soil samples were analyzed for mSPLP VOCs and metals analysis. The detected concentrations in the analyzed soil samples met the applicable Leachate Screening Levels. A summary of soil analytical results mSPLP VOCs and metals analysis is presented in **Table 4C**.

### **Waste Characterization Analytical Results**

One (1) representative soil sample was analysed for TCLP analysis to characterize the soil cuttings for off-Site disposal at a MECP-approved waste disposal facility. Based on the TCLP analytical results, the soil cuttings generated during the drilling activities were classified as "non-hazardous" solid waste. A summary of the TCLP soil analytical results is provided in **Table 4D**.

## **Groundwater Quality**

Groundwater sampling was not completed during Phase Two ESA as groundwater was not identified as a potentially contaminated media in Phase One ESA.

## **Soil Remediation**

No soil remediation work has been completed or planned for this Site.

## **Potential Exposure Pathways for Human and Ecological Receptors**

No soil COCs were identified in the Phase Two ESA based on the MECP Table 2 Standards.

### **6.11.8 Non-Standard Delineation – Section 7.1 of Schedule E**

Non-standard delineation was not conducted as part of the Phase Two ESA.

### **6.11.9 Standards Deemed to be Met – Paragraph 1, 1.1 or 2 of Section 49.1**

Electrical Conductivity (EC) and sodium adsorption ratio (SAR) were not detected above the applicable 2011 MECP Table 2 Standards.

### **6.11.10 Standards Deemed to be Met – Paragraph 3 of Section 49.1**

The exemption set out in paragraph 3 of Section 49.1 was not relied upon in the completion of the Phase Two ESA.

### **6.11.11 Sampling and Analysis of Groundwater Exemption – Subsection 6 (2) of Schedule E**

The exemption set out in subsection 6 (2) of Schedule E was not relied upon in the completion of the Phase Two ESA.

## **7. Conclusions**

The Phase Two ESA was completed to document environmental conditions for due diligence purposes to support the proposed construction of a new four storey, slab-on-grade building to be used as a research and science facility by the MECP and MLITSD.

Based on the results of the Phase Two ESA, the following conclusions are provided:

1. Based on the boreholes advanced across the Site, the generalized subsurface conditions encountered in the boreholes consisted of surficial layers of topsoil followed by a cohesive firm to very stiff lean clay and/or silty clay fill or reworked native layers. The fill or reworked native layer extended to depths ranging between 0.8 m and 1.52 m BGS (elevation varying between 161.9 m and 157.4 m). Below the fill or reworked native material, a stiff to hard cohesive deposit consisting of lean clay of varying composition (lean clay with sand, sandy lean clay, sandy silty clay, and sandy silty clay with gravel) was encountered with depths varying between 2.1 m and 3.8 m BGS (Elevation 158.7 m to 156.5 m). The cohesive deposit was further underlain by weathered shale and shale bedrock.
2. Based on the survey information of the top of riser pipe elevation, the groundwater surface or potentiometric elevation was determined and used to prepare groundwater elevation contours for the Site. Groundwater measurements collected on July 10, 2025 indicate that groundwater is present at a depth ranging between 0.44 m BGS at MW25-07 and 2.6 m BGS at MW25-11. The elevations of the groundwater table vary from 156.34 m

AMSL at MW25-18 and 159.12 m AMSL at MW25-07. Based on a review of the groundwater contours, groundwater flow direction is generally in a southeasterly direction.

3. Based on review of the soil analytical results, all analyzed parameters were either not detected above the laboratory reporting limits or were detected at concentrations below the MECP Table 2 Standards.

All of Which is Respectfully Submitted,  
GHD

A handwritten signature in black ink that reads "Kimberley Bui". The script is cursive and fluid.

Kimberley Bui, M Env Sc

A handwritten signature in blue ink that reads "Joeline Chan". The script is cursive and fluid.

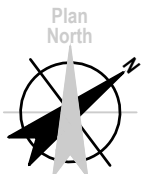
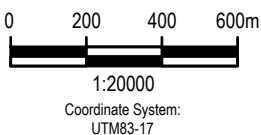
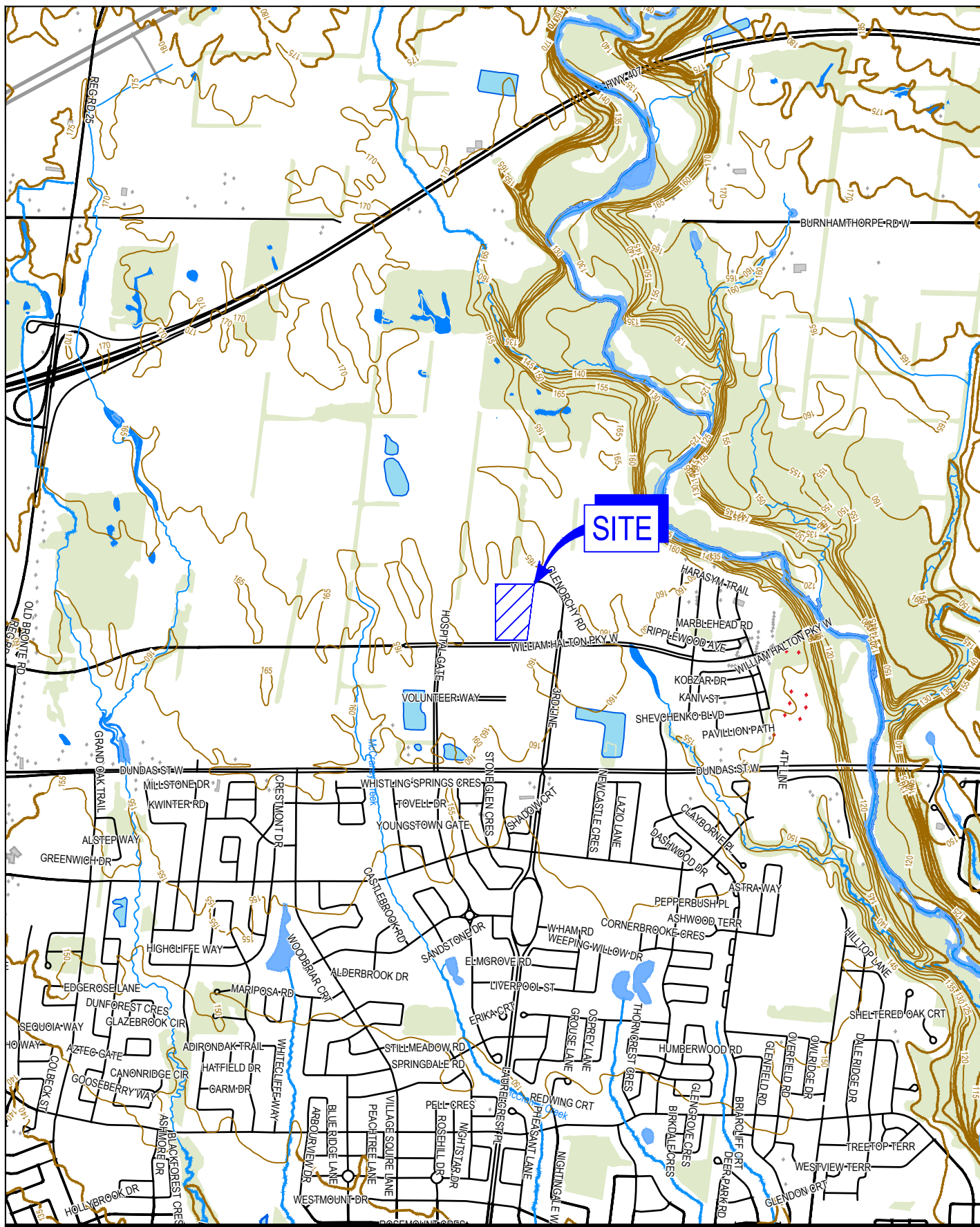
Joeline Chan, B.Sc., PMP

A handwritten signature in blue ink that reads "Warren Croft". The script is cursive and fluid.

Warren Croft, P. Eng., QP<sub>ESA</sub>

# Figures





**INFRASTRUCTURE ONTARIO**  
**PROPOSED MECP-MLTSD SCIENCE FACILITY**  
**COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM**  
**HALTON PARKWAY, OAKVILLE, ONTARIO**  
**PHASE TWO ENVIRONMENTAL SITE ASSESSMENT**

Project No. **12669624**  
 Date **March 2026**

**SITE LOCATION MAP**

**FIGURE 1**



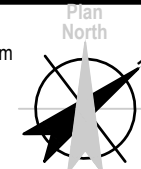
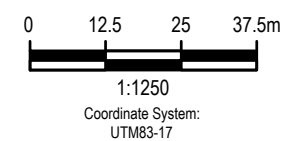


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**LEGEND**

|                                                                                     |                             |                                                                                     |                                            |
|-------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|--------------------------------------------|
|  | SITE BOUNDARY               |  | BOREHOLE LOCATION (GHD, 2025)              |
|  | PROPOSED BUILDING FOOTPRINT |  | GEOTECHNICAL BOREHOLE LOCATION (GHD, 2025) |
|  | PROPOSED ROAD RIGHT OF WAY  |  | MONITORING WELL LOCATION (GHD, 2025)       |

ATTENTION:  
SITE FEATURES ARE APPROXIMATE.

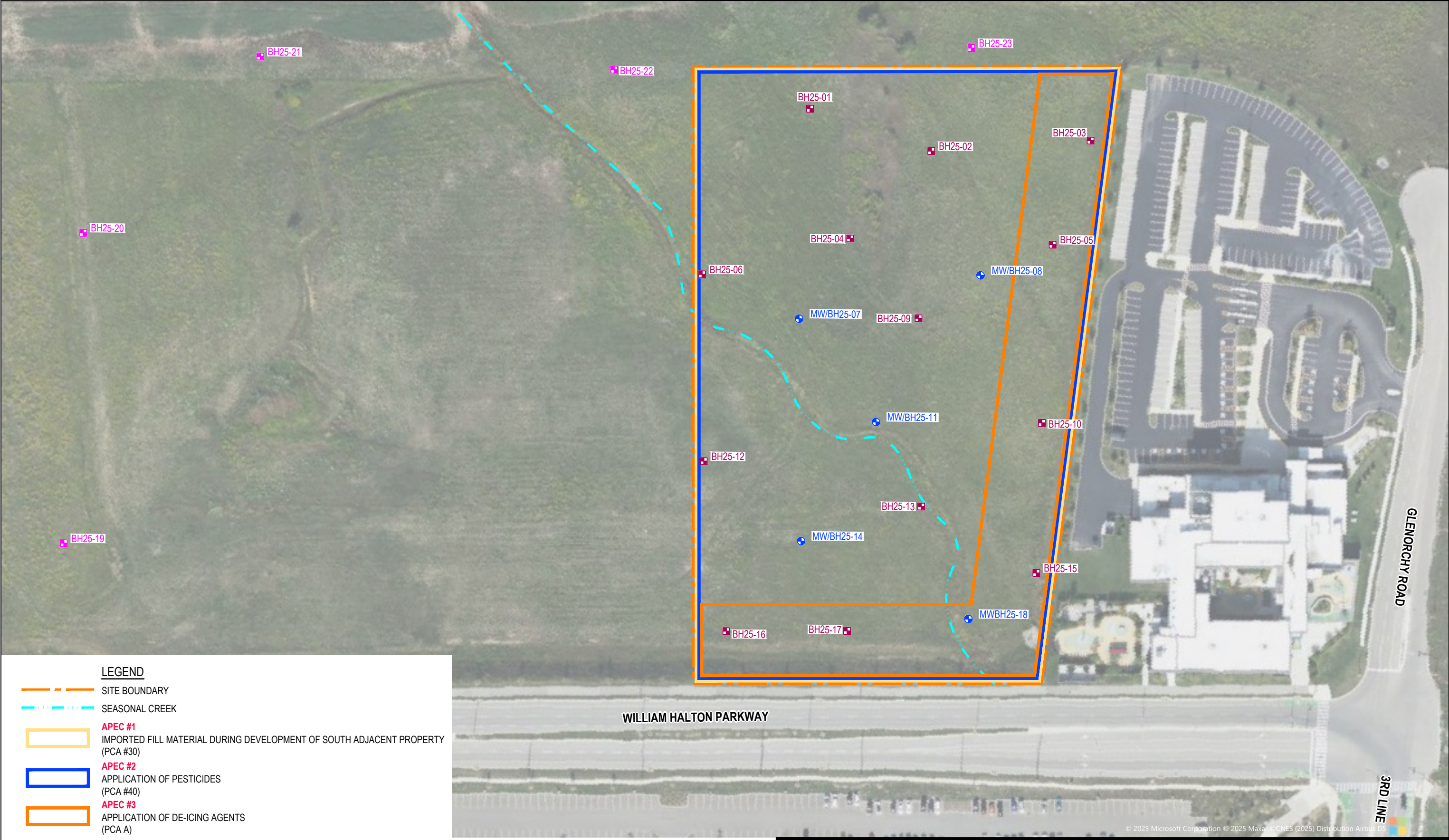


**INFRASTRUCTURE ONTARIO  
PROPOSED MECP-MLTSD SCIENCE FACILITY  
COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
HALTON PARKWAY, OAKVILLE, ONTARIO  
PHASE TWO ENVIRONMENTAL SITE ASSESSMENT  
BOREHOLE AND MONITORING WELL  
LOCATION PLAN**

Project No. 12669624  
Date March 2026

**FIGURE 2**





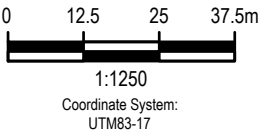
**LEGEND**

- SITE BOUNDARY
- SEASONAL CREEK
- APEC #1**  
IMPORTED FILL MATERIAL DURING DEVELOPMENT OF SOUTH ADJACENT PROPERTY (PCA #30)
- APEC #2**  
APPLICATION OF PESTICIDES (PCA #40)
- APEC #3**  
APPLICATION OF DE-ICING AGENTS (PCA A)

**PCAs POTENTIALLY CONTRIBUTING TO APECs ON THE SITE**

- 30 - IMPORTATION OF FILL OF UNKNOWN QUALITY
- 40 - PESTICIDES [INCLUDING HERBICIDES, FUNGICIDES AND ANTI-FOULING AGENTS] MANUFACTURING, PROCESSING, BULK STORAGE AND LARGE-SCALE APPLICATIONS
- A - APPLICATION OF DE-ICING AGENTS

- BOREHOLE LOCATION (GHD, 2025)
- GEOTECHNICAL BOREHOLE LOCATION (GHD, 2025)
- MONITORING WELL LOCATION (GHD, 2025)
- ATTENTION:  
SITE FEATURES ARE APPROXIMATE.



INFRASTRUCTURE ONTARIO  
PROPOSED MECP-MLTSD SCIENCE FACILITY  
COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
HALTON PARKWAY, OAKVILLE, ONTARIO  
PHASE TWO ENVIRONMENTAL SITE ASSESSMENT  
**PHASE ONE CONCEPTUAL SITE MODEL**

Project No. 12669624  
Date March 2026

**FIGURE 3**

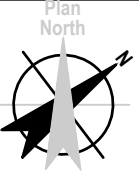
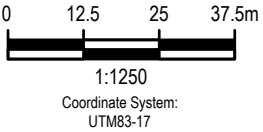




LEGEND

- SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- PROPOSED ROAD RIGHT OF WAY
- ATTENTION:  
SITE FEATURES ARE APPROXIMATE.

- BOREHOLE LOCATION (GHD, 2025)
- GEOTECHNICAL BOREHOLE LOCATION (GHD, 2025)
- MONITORING WELL LOCATION (GHD, 2025)
- GAS PROBE LOCATION (GHD, 2025)
- DEPTH TO GROUNDWATER (m BGS)
- METRES BELOW GROUND SURFACE



INFRASTRUCTURE ONTARIO  
PROPOSED MECP-MLITSD SCIENCE FACILITY  
COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
HALTON PARKWAY, OAKVILLE, ONTARIO  
PHASE TWO ENVIRONMENTAL SITE ASSESSMENT  
DEPTH TO GROUNDWATER  
(JULY 10, 2025)

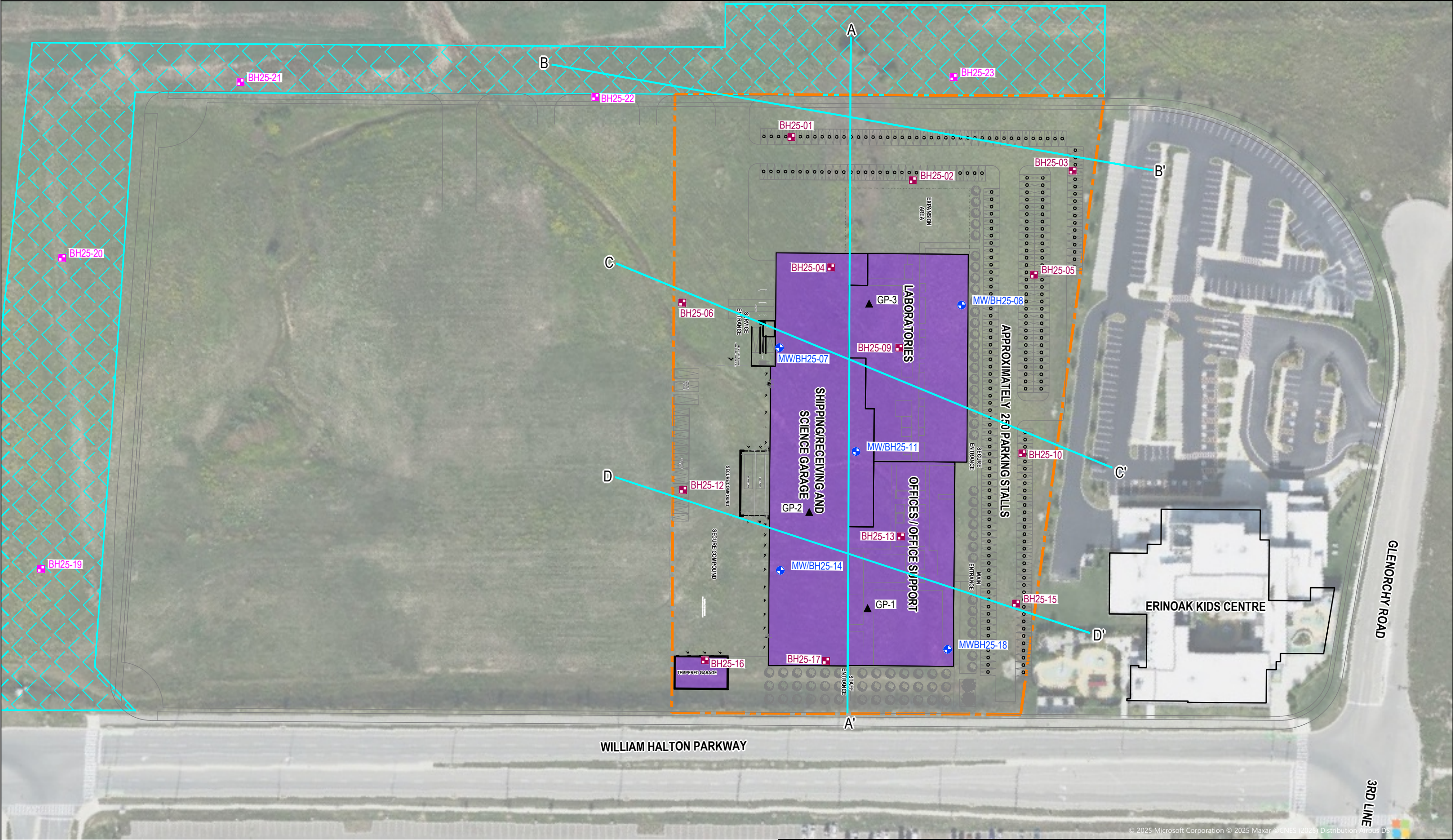
Project No. 12669624  
Date March 2026

FIGURE 4A









**LEGEND**

--- SITE BOUNDARY

PROPOSED BUILDING FOOTPRINT

PROPOSED ROAD RIGHT OF WAY

A-A' CROSS SECTION LOCATION

BOREHOLE LOCATION (GHD, 2025)

GEOTECHNICAL BOREHOLE LOCATION (GHD, 2025)

MONITORING WELL LOCATION (GHD, 2025)

GAS PROBE LOCATION (GHD, 2025)

ATTENTION:  
SITE FEATURES ARE APPROXIMATE.

0 12.5 25 37.5m

1:1250

Coordinate System:  
UTM83-17

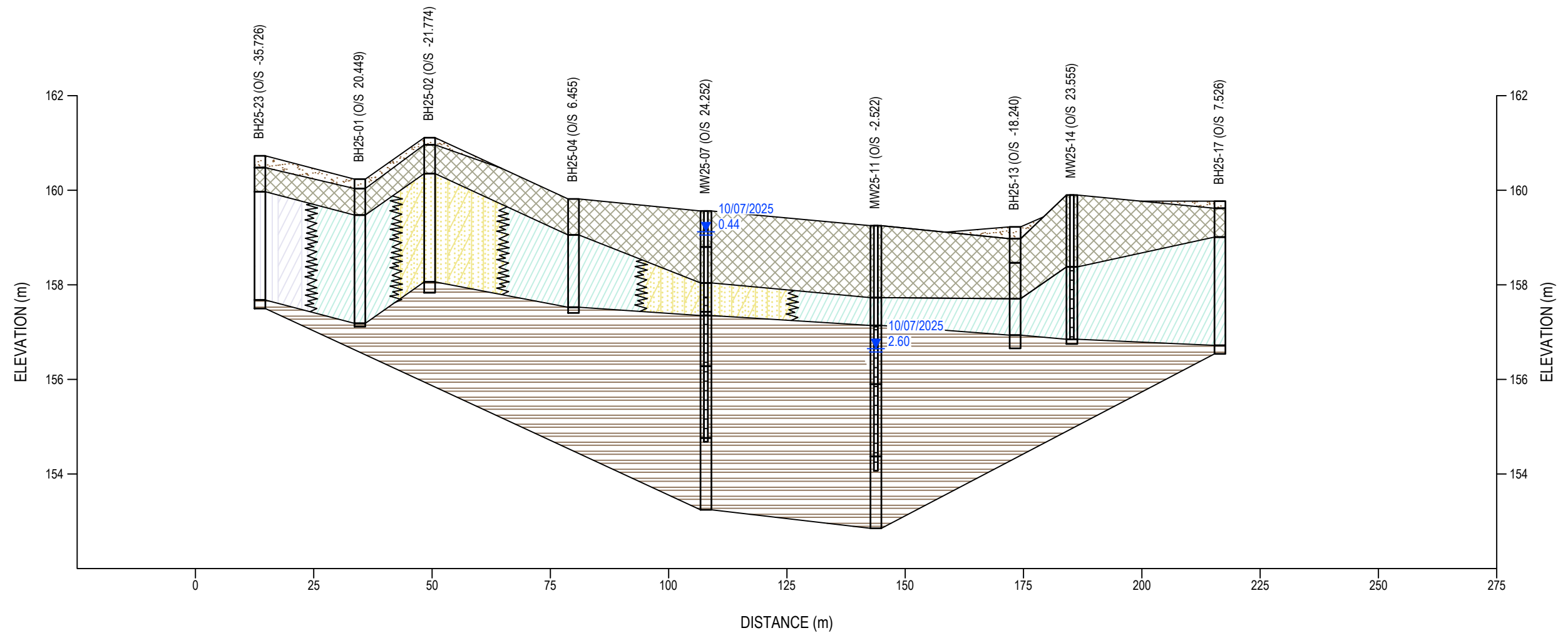
Plan North

**INFRASTRUCTURE ONTARIO**  
**PROPOSED MECP-MLTSD SCIENCE FACILITY**  
**COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM**  
**HALTON PARKWAY, OAKVILLE, ONTARIO**  
**PHASE TWO ENVIRONMENTAL SITE ASSESSMENT**  
**INVESTIGATIVE AND**  
**CROSS-SECTION LOCATION MAP**

Project No. 12669624  
Date March 2026

**FIGURE 5A**

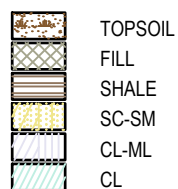




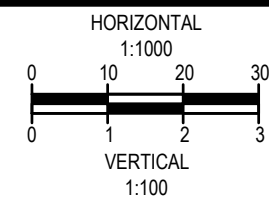
BH25-23 (O/S -35.726)

#### LEGEND

- SAMPLING LOCATION ID
- GROUND SURFACE
- STRATIGRAPHY BOUNDARY
- MEASURED GROUNDWATER DEPTH
- SCREENED INTERVAL
- BOTTOM OF BORING



- CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY, SANDY, OR SILTY CLAYS, LEAN CLAYS
- ML - INORGANIC SILTS AND VERY FINE SAND, ROCK FLOUR, SILTY SANDS OF SLIGHT PLASTICITY
- SC - CLAYEY SANDS, SAND-CLAY MIXTURES,  $\geq 15\%$  FINES
- SM - SILTY SANDS, SAND-SILT MIXTURES,  $\geq 15\%$  FINES

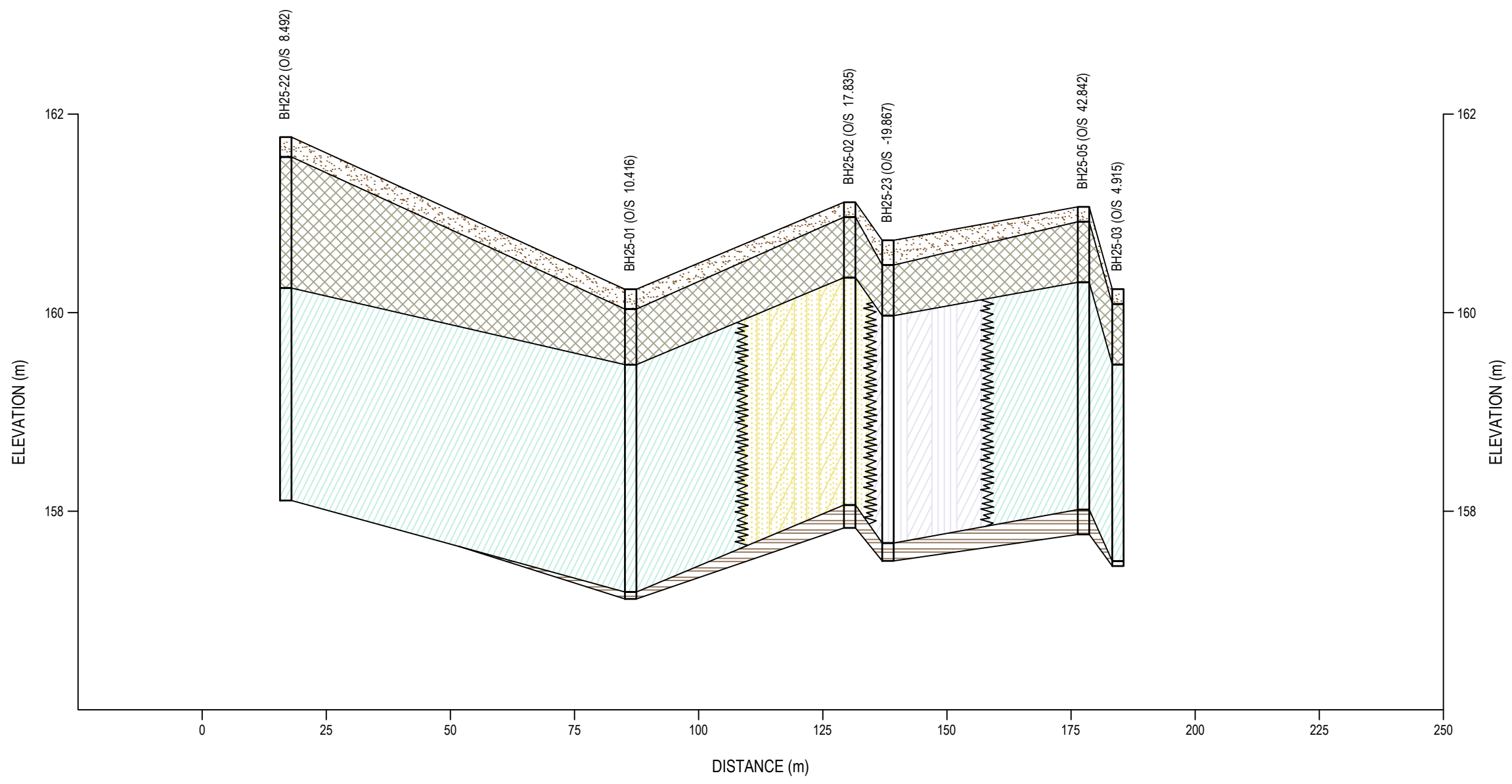


INFRASTRUCTURE ONTARIO  
PROPOSED MECP-MLTSD SCIENCE FACILITY  
COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
HALTON PARKWAY, OAKVILLE, ONTARIO  
PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

CROSS-SECTION A-A'

Project No. 12669624  
Date March 2026

FIGURE 5B

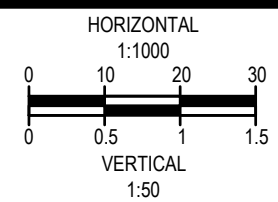


BH25-23 (O/S -35.726)

**LEGEND**

- SAMPLING LOCATION ID
- GROUND SURFACE
- STRATIGRAPHY BOUNDARY
- MEASURED GROUNDWATER DEPTH
- SCREENED INTERVAL
- BOTTOM OF BORING

- TOPSOIL
- FILL
- SHALE
- SC-SM
- CL-ML
- CL
- CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY, SANDY, OR SILTY CLAYS, LEAN CLAYS
- ML - INORGANIC SILTS AND VERY FINE SAND, ROCK FLOUR, SILTY SANDS OF SLIGHT PLASTICITY
- SC - CLAYEY SANDS, SAND-CLAY MIXTURES, ≥ 15% FINES
- SM - SILTY SANDS, SAND-SILT MIXTURES, ≥ 15% FINES



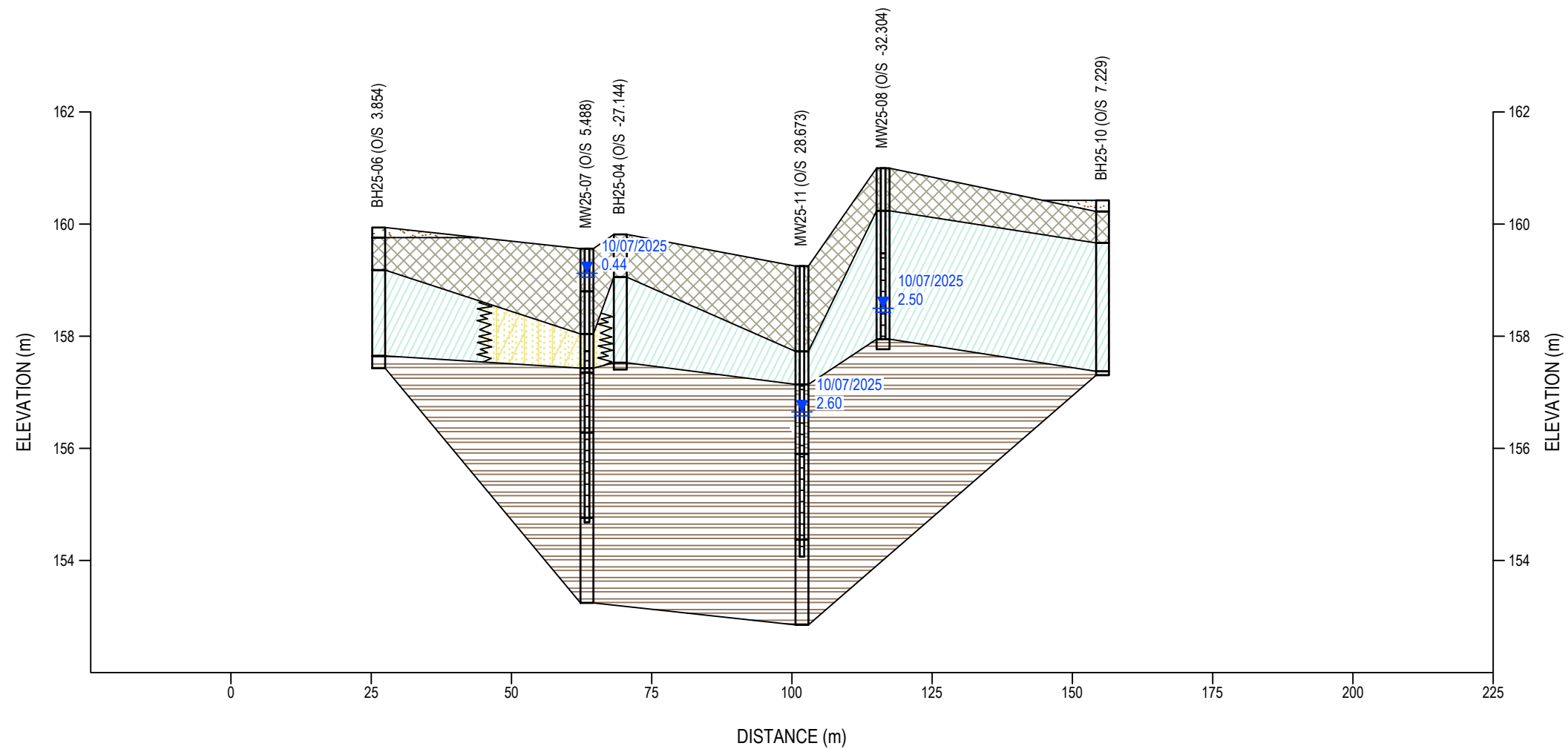
INFRASTRUCTURE ONTARIO  
PROPOSED MECP-MLTSD SCIENCE FACILITY  
COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
HALTON PARKWAY, OAKVILLE, ONTARIO  
PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

Project No. 12669624  
Date March 2026

CROSS-SECTION B-B'

FIGURE 5C

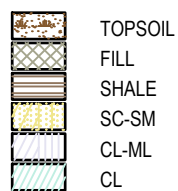




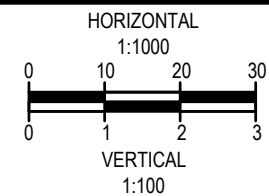
BH25-23 (O/S -35.726)

**LEGEND**

- SAMPLING LOCATION ID
- GROUND SURFACE
- STRATIGRAPHY BOUNDARY
- MEASURED GROUNDWATER DEPTH
- SCREENED INTERVAL
- BOTTOM OF BORING



CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY, SANDY, OR SILTY CLAYS, LEAN CLAYS  
 ML - INORGANIC SILTS AND VERY FINE SAND, ROCK FLOUR, SILTY SANDS OF SLIGHT PLASTICITY  
 SC - CLAYEY SANDS, SAND-CLAY MIXTURES, ≥ 15% FINES  
 SM - SILTY SANDS, SAND-SILT MIXTURES, ≥ 15% FINES

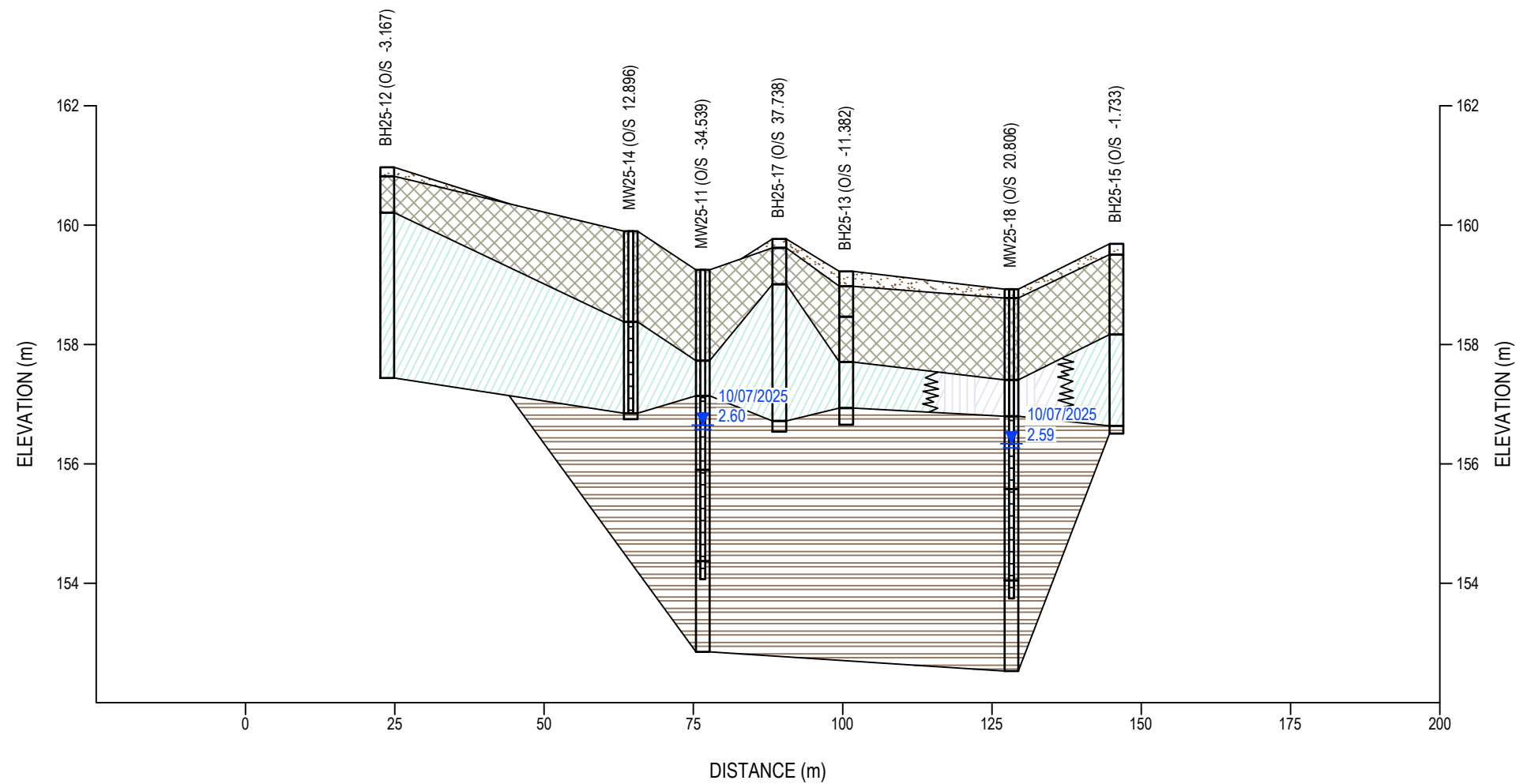


INFRASTRUCTURE ONTARIO  
 PROPOSED MECP-MLTSD SCIENCE FACILITY  
 COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
 HALTON PARKWAY, OAKVILLE, ONTARIO  
 PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

Project No. 12669624  
 Date March 2026

**CROSS-SECTION C-C'**

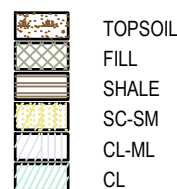
**FIGURE 5D**



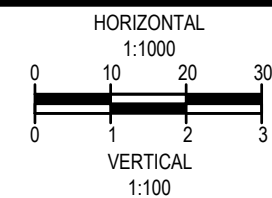
BH25-23 (O/S -35.726)

# LEGEND

- SAMPLING LOCATION ID
- GROUND SURFACE
- STRATIGRAPHY BOUNDARY
- MEASURED GROUNDWATER DEPTH
- SCREENED INTERVAL
- BOTTOM OF BORING



CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY, SANDY, OR SILTY CLAYS, LEAN CLAYS  
 ML - INORGANIC SILTS AND VERY FINE SAND, ROCK FLOUR, SILTY SANDS OF SLIGHT PLASTICITY  
 SC - CLAYEY SANDS, SAND-CLAY MIXTURES, ≥ 15% FINES  
 SM - SILTY SANDS, SAND-SILT MIXTURES, ≥ 15% FINES



INFRASTRUCTURE ONTARIO  
 PROPOSED MECP-MLTSD SCIENCE FACILITY  
 COMPLEX, OAKVILLE LAND ASSEMBLY - WILLIAM  
 HALTON PARKWAY, OAKVILLE, ONTARIO  
 PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

Project No. 12669624  
 Date March 2026

CROSS-SECTION D-D'

FIGURE 5E

# Tables

**Summary of Sampling Locations and Chemical Analysis**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Sample Name                             | Location | Date      | Depth (mBGS) | Sample Type | Matrix | LAB COAs  | VOCs | PAHs | Metals | SAR Metals | OC Pesticides | PHCs |
|-----------------------------------------|----------|-----------|--------------|-------------|--------|-----------|------|------|--------|------------|---------------|------|
| S-12669624-19/06/25-RB-BH25-03-0-2'     | BH25-03  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | BH25-03  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-19/06/25-RB-BH25-03-5-7'     | BH25-03  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 | X    |      | X      | X          |               | X    |
| S-12669624-19/06/25-RB-BH25-05-0-2'     | BH25-05  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | BH25-05  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-19/06/25-RB-BH25-05-5-7'     | BH25-05  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 | X    |      | X      | X          |               | X    |
| S-12669624-20/06/25-RB-MW25-07-0-2'     | MW25-07  | 6/20/2025 | 0.00-0.61    |             | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | MW25-07  | 6/20/2025 | 0.76-1.37    |             | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-20/06/25-RB-MW25-07-5-7'     | MW25-07  | 6/20/2025 | 1.52-2.13    |             | SO     | WT2516558 | X    |      | X      | X          |               | X    |
| S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | MW25-07  | 6/20/2025 | 2.29-2.90    |             | SO     | WT2516558 |      |      |        |            |               |      |
| S-12669624-19/06/25-RB-MW25-08-0-2'     | MW25-08  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | MW25-08  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-19/06/25-RB-DUP 2            | MW25-08  | 6/19/2025 | 0.76-1.37    | Duplicate   | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-19/06/25-RB-MW25-08-5-7'     | MW25-08  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 | X    |      | X      | X          |               | X    |
| S-12669624-20/06/25-RB-MW25-11-0-2'     | MW25-11  | 6/20/2025 | 0.00-0.61    |             | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | MW25-11  | 6/20/2025 | 0.76-1.37    |             | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-20/06/25-RB-MW25-11-5-7'     | MW25-11  | 6/20/2025 | 1.52-2.13    |             | SO     | WT2516558 | X    |      | X      | X          |               | X    |
| S-12669624-18/06/25-RB-MW25-14-0-2'     | MW25-14  | 6/18/2025 | 0.00-0.61    |             | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-18/06/25-RB-DUP 1            | MW25-14  | 6/18/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516558 | X    | X    | X      | X          | X             | X    |
| S-12669624-18/06/25-RB-MW25-14-5-7'     | MW25-14  | 6/18/2025 | 1.52-2.13    |             | SO     | WT2516558 | X    | X    | X      | X          |               | X    |
| S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | MW25-14  | 6/18/2025 | 2.29-2.90    |             | SO     | WT2516558 | X    |      | X      | X          |               | X    |
| S-12669624-24/06/25-RB-BH25-15-0-2      | BH25-15  | 6/24/2025 | 0.00-0.61    |             | SO     | WT2516796 | X    | X    | X      | X          | X             | X    |
| S-12669624-24/06/25-RB-DUP 3            | BH25-15  | 6/24/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516796 | X    | X    | X      | X          | X             | X    |
| S-12669624-24/06/25-RB-BH25-15-2.5-4.5  | BH25-15  | 6/24/2025 | 0.76-1.37    |             | SO     | WT2516796 | X    | X    | X      | X          |               | X    |
| S-12669624-24/06/25-RB-BH25-15-5-7      | BH25-15  | 6/24/2025 | 1.52-2.13    |             | SO     | WT2516796 | X    |      | X      | X          |               | X    |
| S-12669624-24/06/25-RB-BH25-17-0-2      | BH25-17  | 6/24/2025 | 0.00-0.61    |             | SO     | WT2516796 | X    | X    | X      | X          | X             | X    |
| S-12669624-24/06/25-RB-DUP 4            | BH25-17  | 6/24/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516796 | X    | X    | X      | X          | X             | X    |
| S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17  | 6/24/2025 | 0.76-1.37    |             | SO     | WT2516796 | X    | X    | X      | X          |               | X    |
| S-12669624-24/06/25-RB-BH25-17.5-7      | BH25-17  | 6/24/2025 | 1.52-2.13    |             | SO     | WT2516796 | X    |      | X      | X          |               | X    |
| S-12669624-23/06/25-RB-MW25-18-0-2      | MW25-18  | 6/23/2025 | 0.00-0.61    |             | SO     | WT2516796 | X    | X    | X      | X          | X             | X    |
| S-12669624-23/06/25-RB-MW25-18-2.5-4.5  | MW25-18  | 6/23/2025 | 0.76-1.37    |             | SO     | WT2516796 | X    | X    | X      | X          |               | X    |
| S-12669624-23/06/25-RB-MW25-18-5-7      | MW25-18  | 6/23/2025 | 1.52-2.13    |             | SO     | WT2516796 | X    |      | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-01-0'-2'      | BH25-01  | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-260625-RB-BH25-01-2.5'-4.5   | BH25-01  | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |

**Summary of Sampling Locations and Chemical Analysis**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Sample Name                              | Location  | Date      | Depth (mBGS) | Sample Type | Matrix | LAB COAs  | VOCs | PAHs | Metals | SAR Metals | OC Pesticides | PHCs |
|------------------------------------------|-----------|-----------|--------------|-------------|--------|-----------|------|------|--------|------------|---------------|------|
| S-12669624-260625-RB-BH25-01-5'-7'       | BH25-01   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-270625-RB-BH25-02-0'-2'       | BH25-02   | 6/27/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-270625-RB-BH25-02-2.5'-4.5'   | BH25-02   | 6/27/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-270625-RB-BH25-02-7.5'-9.5'   | BH25-02   | 6/27/2025 | 2.29-2.90    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-04-0'-2'       | BH25-04   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-260625-RB-BH25-04-2.5'-4.5'   | BH25-04   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-260625-RB-DUP 8               | BH25-04   | 6/26/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-04-5'-7'       | BH25-04   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-06-0'-2'       | BH25-06   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-260625-RB-BH25-06-2.5'-4.5'   | BH25-06   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-06-5'-7'       | BH25-06   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-09-0'-2'       | BH25-09   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-250625-RB-DUP 7               | BH25-09   | 6/25/2025 | 0.00-0.61    | Duplicate   | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-260625-RB-BH25-09-2.5'-4.5'   | BH25-09   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-09-5'-7'       | BH25-09   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-260625-RB-BH25-10-0'-2'       | BH25-10   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-250625-RB-BH25-10-2.5'-4.5'   | BH25-10   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-10-5'-7'       | BH25-10   | 6/25/2025 | 1.52-2.13    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-12-0'-2'       | BH25-12   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-250625-RB-BH25-12-2.5'-4.5'   | BH25-12   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-250625-RB-DUP 6               | BH25-12   | 6/25/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-12-7.5'-9.5'   | BH25-12   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-13-0'-2'       | BH25-13   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-250625-RB-BH25-13-2.5'-4.5'   | BH25-13   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-13-5'-7'       | BH25-13   | 6/25/2025 | 1.52-2.13    |             | SO     | WT2517131 |      |      |        |            |               |      |
| S-12669624-250625-RB-BH25-13-7.5'-9.5'   | BH25-13   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-16-0'-2'       | BH25-16   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X    | X    | X      | X          | X             | X    |
| S-12669624-250625-RB-BH25-16-2.5'-4.5'   | BH25-16   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-250625-RB-DUP 5               | BH25-16   | 6/25/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 | X    | X    | X      | X          |               | X    |
| S-12669624-250625-RB-BH25-16-7.5'-9.5'   | BH25-16   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 | X    |      | X      | X          |               | X    |
| S-12669624-24/06/25-RB-BH25-17-0'-2'     | BH25-17   | 6/24/2025 | 0.00-0.61    |             | SO     | WT2517899 |      |      |        |            |               |      |
| S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' | BH25-17   | 6/24/2025 | 0.76-1.37    |             | SO     | WT2517899 |      |      |        |            |               |      |
| S-12669624-24/06/25-RB-BH25-17-5'-7'     | BH25-17   | 6/24/2025 | 1.52-2.13    |             | SO     | WT2517899 |      |      |        |            |               |      |
| S-12669624-24/06/25-RB-TCLP              | TCLP      | 6/24/2025 | -            |             | SO     | WT2516797 |      |      |        |            |               |      |
| TRIP BLANK                               | TRIPBLANK | 6/24/2025 | -            |             | SOQ    | WT2516796 | X    |      |        |            |               | X    |
| TRIP BLANK                               | TRIPBLANK | 6/18/2025 | -            |             | SOQ    | WT2516558 | X    |      |        |            |               | X    |
| TRIP BLANK                               | TRIPBLANK | 6/25/2025 | -            |             | SOQ    | WT2517131 | X    |      |        |            |               | X    |

**Notes:**

|                 |                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------|
| mBGS            | metres below ground surface                                                                                       |
| COA             | Certificate of Analysis                                                                                           |
| VOCs            | Volatile Organic Compounds                                                                                        |
| PAHs            | Polycyclic Aromatic Hydrocarbons                                                                                  |
| SAR             | Sodium Adsorption Ratio                                                                                           |
| PHCs            | Petroleum Hydrocarbon Fractions (F <sub>1</sub> to F <sub>4</sub> )                                               |
| OC Pesticides   | Organochlorine Pesticides                                                                                         |
| TCLP O.Reg. 558 | Toxicity Characteristic Leaching Procedure for VOCs, SVOCs, Metals, Ignitability, General Chemistry and bulk PCBs |
| mSPLP           | Modified Synthetic Precipitation Leaching Procedure                                                               |
| -               | Not applicable                                                                                                    |
| SDG             | Sample Delivery Group                                                                                             |



**Summary of Sampling Locations and Chemical Analysis**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Sample Name                             | Location | Date      | Depth (mBGS) | Sample Type | Matrix | LAB COAs  | General Chemistry | mSPLP General Chemistry | mSPLP Volatiles | mSPLP Metals | TCLP Volatiles |
|-----------------------------------------|----------|-----------|--------------|-------------|--------|-----------|-------------------|-------------------------|-----------------|--------------|----------------|
| S-12669624-19/06/25-RB-BH25-03-0-2'     | BH25-03  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | BH25-03  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-BH25-03-5-7'     | BH25-03  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-BH25-05-0-2'     | BH25-05  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | BH25-05  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-BH25-05-5-7'     | BH25-05  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-07-0-2'     | MW25-07  | 6/20/2025 | 0.00-0.61    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | MW25-07  | 6/20/2025 | 0.76-1.37    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-07-5-7'     | MW25-07  | 6/20/2025 | 1.52-2.13    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | MW25-07  | 6/20/2025 | 2.29-2.90    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-MW25-08-0-2'     | MW25-08  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | MW25-08  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-DUP 2            | MW25-08  | 6/19/2025 | 0.76-1.37    | Duplicate   | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-19/06/25-RB-MW25-08-5-7'     | MW25-08  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-11-0-2'     | MW25-11  | 6/20/2025 | 0.00-0.61    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | MW25-11  | 6/20/2025 | 0.76-1.37    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-20/06/25-RB-MW25-11-5-7'     | MW25-11  | 6/20/2025 | 1.52-2.13    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-18/06/25-RB-MW25-14-0-2'     | MW25-14  | 6/18/2025 | 0.00-0.61    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-18/06/25-RB-DUP 1            | MW25-14  | 6/18/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-18/06/25-RB-MW25-14-5-7'     | MW25-14  | 6/18/2025 | 1.52-2.13    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | MW25-14  | 6/18/2025 | 2.29-2.90    |             | SO     | WT2516558 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-15-0-2      | BH25-15  | 6/24/2025 | 0.00-0.61    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-DUP 3            | BH25-15  | 6/24/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-15-2.5-4.5  | BH25-15  | 6/24/2025 | 0.76-1.37    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-15-5-7      | BH25-15  | 6/24/2025 | 1.52-2.13    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-17-0-2      | BH25-17  | 6/24/2025 | 0.00-0.61    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-DUP 4            | BH25-17  | 6/24/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17  | 6/24/2025 | 0.76-1.37    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-17.5-7      | BH25-17  | 6/24/2025 | 1.52-2.13    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-23/06/25-RB-MW25-18-0-2      | MW25-18  | 6/23/2025 | 0.00-0.61    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-23/06/25-RB-MW25-18-2.5-4.5  | MW25-18  | 6/23/2025 | 0.76-1.37    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-23/06/25-RB-MW25-18-5-7      | MW25-18  | 6/23/2025 | 1.52-2.13    |             | SO     | WT2516796 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-01-0'-2'      | BH25-01  | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-01-2.5'-4.5   | BH25-01  | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |

**Summary of Sampling Locations and Chemical Analysis**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Sample Name                              | Location  | Date      | Depth (mBGS) | Sample Type | Matrix | LAB COAs  | General Chemistry | mSPLP General Chemistry | mSPLP Volatiles | mSPLP Metals | TCLP Volatiles |
|------------------------------------------|-----------|-----------|--------------|-------------|--------|-----------|-------------------|-------------------------|-----------------|--------------|----------------|
| S-12669624-260625-RB-BH25-01-5'-7'       | BH25-01   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-270625-RB-BH25-02-0'-2'       | BH25-02   | 6/27/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-270625-RB-BH25-02-2.5'-4.5'   | BH25-02   | 6/27/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-270625-RB-BH25-02-7.5'-9.5'   | BH25-02   | 6/27/2025 | 2.29-2.90    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-04-0'-2'       | BH25-04   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-04-2.5'-4.5'   | BH25-04   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-DUP 8               | BH25-04   | 6/26/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-04-5'-7'       | BH25-04   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X                 | X                       | X               | X            |                |
| S-12669624-260625-RB-BH25-06-0'-2'       | BH25-06   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-06-2.5'-4.5'   | BH25-06   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-06-5'-7'       | BH25-06   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-09-0'-2'       | BH25-09   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 | X                       | X               | X            |                |
| S-12669624-250625-RB-DUP 7               | BH25-09   | 6/25/2025 | 0.00-0.61    | Duplicate   | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-09-2.5'-4.5'   | BH25-09   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-260625-RB-BH25-09-5'-7'       | BH25-09   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-10-0'-2'       | BH25-10   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-10-2.5'-4.5'   | BH25-10   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-10-5'-7'       | BH25-10   | 6/25/2025 | 1.52-2.13    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-12-0'-2'       | BH25-12   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-12-2.5'-4.5'   | BH25-12   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-DUP 6               | BH25-12   | 6/25/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-12-7.5'-9.5'   | BH25-12   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-13-0'-2'       | BH25-13   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-13-2.5'-4.5'   | BH25-13   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-13-5'-7'       | BH25-13   | 6/25/2025 | 1.52-2.13    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-13-7.5'-9.5'   | BH25-13   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-16-0'-2'       | BH25-16   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-16-2.5'-4.5'   | BH25-16   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-DUP 5               | BH25-16   | 6/25/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-250625-RB-BH25-16-7.5'-9.5'   | BH25-16   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 | X                 |                         |                 |              |                |
| S-12669624-24/06/25-RB-BH25-17-0'-2'     | BH25-17   | 6/24/2025 | 0.00-0.61    |             | SO     | WT2517899 |                   | X                       | X               | X            |                |
| S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' | BH25-17   | 6/24/2025 | 0.76-1.37    |             | SO     | WT2517899 |                   | X                       | X               | X            |                |
| S-12669624-24/06/25-RB-BH25-17-5'-7'     | BH25-17   | 6/24/2025 | 1.52-2.13    |             | SO     | WT2517899 |                   | X                       | X               | X            |                |
| S-12669624-24/06/25-RB-TCLP              | TCLP      | 6/24/2025 | -            |             | SO     | WT2516797 |                   | X                       |                 |              | X              |
| TRIP BLANK                               | TRIPBLANK | 6/24/2025 | -            |             | SOQ    | WT2516796 | X                 |                         |                 |              |                |
| TRIP BLANK                               | TRIPBLANK | 6/18/2025 | -            |             | SOQ    | WT2516558 | X                 |                         |                 |              |                |
| TRIP BLANK                               | TRIPBLANK | 6/25/2025 | -            |             | SOQ    | WT2517131 | X                 |                         |                 |              |                |

**Notes:**

|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| mBGS            | metres below ground surface                                                         |
| COA             | Certificate of Analysis                                                             |
| VOCs            | Volatile Organic Compounds                                                          |
| PAHs            | Polycyclic Aromatic Hydrocarbons                                                    |
| SAR             | Sodium Adsorption Ratio                                                             |
| PHCs            | Petroleum Hydrocarbon Fractions (F <sub>1</sub> to F <sub>4</sub> )                 |
| OC Pesticides   | Organochlorine Pesticides                                                           |
| TCLP O.Reg. 558 | Toxicity Characteristic Leaching Procedure for VOCs, SVOCs, Metals, Ignitability, G |
| mSPLP           | Modified Synthetic Precipitation Leaching Procedure                                 |
| -               | Not applicable                                                                      |
| SDG             | Sample Delivery Group                                                               |

**Summary of Sampling Locations and Chemical Analysis**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Sample Name                             | Location | Date      | Depth (mBGS) | Sample Type | Matrix | LAB COAs  | TCLP Metals | TCLP General Chemistry |
|-----------------------------------------|----------|-----------|--------------|-------------|--------|-----------|-------------|------------------------|
| S-12669624-19/06/25-RB-BH25-03-0-2'     | BH25-03  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | BH25-03  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-BH25-03-5-7'     | BH25-03  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-BH25-05-0-2'     | BH25-05  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | BH25-05  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-BH25-05-5-7'     | BH25-05  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-07-0-2'     | MW25-07  | 6/20/2025 | 0.00-0.61    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | MW25-07  | 6/20/2025 | 0.76-1.37    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-07-5-7'     | MW25-07  | 6/20/2025 | 1.52-2.13    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | MW25-07  | 6/20/2025 | 2.29-2.90    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-MW25-08-0-2'     | MW25-08  | 6/19/2025 | 0.00-0.61    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | MW25-08  | 6/19/2025 | 0.76-1.37    |             | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-DUP 2            | MW25-08  | 6/19/2025 | 0.76-1.37    | Duplicate   | SO     | WT2516558 |             |                        |
| S-12669624-19/06/25-RB-MW25-08-5-7'     | MW25-08  | 6/19/2025 | 1.52-2.13    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-11-0-2'     | MW25-11  | 6/20/2025 | 0.00-0.61    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | MW25-11  | 6/20/2025 | 0.76-1.37    |             | SO     | WT2516558 |             |                        |
| S-12669624-20/06/25-RB-MW25-11-5-7'     | MW25-11  | 6/20/2025 | 1.52-2.13    |             | SO     | WT2516558 |             |                        |
| S-12669624-18/06/25-RB-MW25-14-0-2'     | MW25-14  | 6/18/2025 | 0.00-0.61    |             | SO     | WT2516558 |             |                        |
| S-12669624-18/06/25-RB-DUP 1            | MW25-14  | 6/18/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516558 |             |                        |
| S-12669624-18/06/25-RB-MW25-14-5-7'     | MW25-14  | 6/18/2025 | 1.52-2.13    |             | SO     | WT2516558 |             |                        |
| S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | MW25-14  | 6/18/2025 | 2.29-2.90    |             | SO     | WT2516558 |             |                        |
| S-12669624-24/06/25-RB-BH25-15-0-2      | BH25-15  | 6/24/2025 | 0.00-0.61    |             | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-DUP 3            | BH25-15  | 6/24/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-BH25-15-2.5-4.5  | BH25-15  | 6/24/2025 | 0.76-1.37    |             | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-BH25-15-5-7      | BH25-15  | 6/24/2025 | 1.52-2.13    |             | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-BH25-17-0-2      | BH25-17  | 6/24/2025 | 0.00-0.61    |             | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-DUP 4            | BH25-17  | 6/24/2025 | 0.00-0.61    | Duplicate   | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17  | 6/24/2025 | 0.76-1.37    |             | SO     | WT2516796 |             |                        |
| S-12669624-24/06/25-RB-BH25-17.5-7      | BH25-17  | 6/24/2025 | 1.52-2.13    |             | SO     | WT2516796 |             |                        |
| S-12669624-23/06/25-RB-MW25-18-0-2      | MW25-18  | 6/23/2025 | 0.00-0.61    |             | SO     | WT2516796 |             |                        |
| S-12669624-23/06/25-RB-MW25-18-2.5-4.5  | MW25-18  | 6/23/2025 | 0.76-1.37    |             | SO     | WT2516796 |             |                        |
| S-12669624-23/06/25-RB-MW25-18-5-7      | MW25-18  | 6/23/2025 | 1.52-2.13    |             | SO     | WT2516796 |             |                        |
| S-12669624-260625-RB-BH25-01-0'-2'      | BH25-01  | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-01-2.5'-4.5   | BH25-01  | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |

**Summary of Sampling Locations and Chemical Analysis**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Sample Name                              | Location  | Date      | Depth (mBGS) | Sample Type | Matrix | LAB COAs  | TCLP Metals | TCLP General Chemistry |
|------------------------------------------|-----------|-----------|--------------|-------------|--------|-----------|-------------|------------------------|
| S-12669624-260625-RB-BH25-01-5'-7'       | BH25-01   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 |             |                        |
| S-12669624-270625-RB-BH25-02-0'-2'       | BH25-02   | 6/27/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-270625-RB-BH25-02-2.5'-4.5'   | BH25-02   | 6/27/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-270625-RB-BH25-02-7.5'-9.5'   | BH25-02   | 6/27/2025 | 2.29-2.90    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-04-0'-2'       | BH25-04   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-04-2.5'-4.5'   | BH25-04   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-DUP 8               | BH25-04   | 6/26/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-04-5'-7'       | BH25-04   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-06-0'-2'       | BH25-06   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-06-2.5'-4.5'   | BH25-06   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-06-5'-7'       | BH25-06   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-09-0'-2'       | BH25-09   | 6/26/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-DUP 7               | BH25-09   | 6/25/2025 | 0.00-0.61    | Duplicate   | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-09-2.5'-4.5'   | BH25-09   | 6/26/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-260625-RB-BH25-09-5'-7'       | BH25-09   | 6/26/2025 | 1.52-2.13    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-10-0'-2'       | BH25-10   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-10-2.5'-4.5'   | BH25-10   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-10-5'-7'       | BH25-10   | 6/25/2025 | 1.52-2.13    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-12-0'-2'       | BH25-12   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-12-2.5'-4.5'   | BH25-12   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-DUP 6               | BH25-12   | 6/25/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-12-7.5'-9.5'   | BH25-12   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-13-0'-2'       | BH25-13   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-13-2.5'-4.5'   | BH25-13   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-13-5'-7'       | BH25-13   | 6/25/2025 | 1.52-2.13    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-13-7.5'-9.5'   | BH25-13   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-16-0'-2'       | BH25-16   | 6/25/2025 | 0.00-0.61    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-16-2.5'-4.5'   | BH25-16   | 6/25/2025 | 0.76-1.37    |             | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-DUP 5               | BH25-16   | 6/25/2025 | 0.76-1.37    | Duplicate   | SO     | WT2517131 |             |                        |
| S-12669624-250625-RB-BH25-16-7.5'-9.5'   | BH25-16   | 6/25/2025 | 2.29-2.90    |             | SO     | WT2517131 |             |                        |
| S-12669624-24/06/25-RB-BH25-17-0'-2'     | BH25-17   | 6/24/2025 | 0.00-0.61    |             | SO     | WT2517899 |             |                        |
| S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' | BH25-17   | 6/24/2025 | 0.76-1.37    |             | SO     | WT2517899 |             |                        |
| S-12669624-24/06/25-RB-BH25-17-5'-7'     | BH25-17   | 6/24/2025 | 1.52-2.13    |             | SO     | WT2517899 |             |                        |
| S-12669624-24/06/25-RB-TCLP              | TCLP      | 6/24/2025 | -            |             | SO     | WT2516797 | X           | X                      |
| TRIP BLANK                               | TRIPBLANK | 6/24/2025 | -            |             | SOQ    | WT2516796 |             |                        |
| TRIP BLANK                               | TRIPBLANK | 6/18/2025 | -            |             | SOQ    | WT2516558 |             |                        |
| TRIP BLANK                               | TRIPBLANK | 6/25/2025 | -            |             | SOQ    | WT2517131 |             |                        |

**Notes:**

|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| mBGS            | metres below ground surface                                                         |
| COA             | Certificate of Analysis                                                             |
| VOCs            | Volatile Organic Compounds                                                          |
| PAHs            | Polycyclic Aromatic Hydrocarbons                                                    |
| SAR             | Sodium Adsorption Ratio                                                             |
| PHCs            | Petroleum Hydrocarbon Fractions (F <sub>1</sub> to F <sub>4</sub> )                 |
| OC Pesticides   | Organochlorine Pesticides                                                           |
| TCLP O.Reg. 558 | Toxicity Characteristic Leaching Procedure for VOCs, SVOCs, Metals, Ignitability, G |
| mSPLP           | Modified Synthetic Precipitation Leaching Procedure                                 |
| -               | Not applicable                                                                      |
| SDG             | Sample Delivery Group                                                               |

Table 2

**Monitoring Well and Borehole Completion Details**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

| Well ID          | Date Installed | Easting | Northing | Ground Elevation (m AMSL) | Top of Riser Elevation (m AMSL) | Total Depth Drilled (m BGS) | Stick Up (m BGS) | Screened Interval |        |          |        | Sandpack Interval |        |          |        | Screened Material         |
|------------------|----------------|---------|----------|---------------------------|---------------------------------|-----------------------------|------------------|-------------------|--------|----------|--------|-------------------|--------|----------|--------|---------------------------|
|                  |                |         |          |                           |                                 |                             |                  | (m BGS)           |        | (m AMSL) |        | (m BGS)           |        | (m AMSL) |        |                           |
|                  |                |         |          |                           |                                 |                             |                  | Top               | Bottom | Top      | Bottom | Top               | Bottom | Top      | Bottom |                           |
| Monitoring Wells |                |         |          |                           |                                 |                             |                  |                   |        |          |        |                   |        |          |        |                           |
| MW/BH25-07       | 20-Jun-25      | 599672  | 4811829  | 159.56                    | 160.54                          | 6.32                        | 0.98             | 1.83              | 4.88   | 157.73   | 154.68 | 1.22              | 6.32   | 158.34   | 153.24 | Sandy Silty Clay to Shale |
| MW/BH25-08       | 19-Jun-25      | 599699  | 4811889  | 161.00                    | 161.92                          | 3.23                        | 0.92             | 1.52              | 3.05   | 159.48   | 157.95 | 0.91              | 3.05   | 160.09   | 157.95 | Sandy Lean Clay           |
| MW/BH25-11       | 20-Jun-25      | 599717  | 4811829  | 159.25                    | 160.10                          | 6.40                        | 0.85             | 2.14              | 5.18   | 157.11   | 154.07 | 1.52              | 6.40   | 157.73   | 152.85 | Shale                     |
| MW/BH25-14       | 18-Jun-25      | 599734  | 4811783  | 159.90                    | 160.78                          | 3.15                        | 0.88             | 1.52              | 3.05   | 158.38   | 156.85 | 0.91              | 3.05   | 158.99   | 156.85 | Sandy Lean Clay           |
| MW/BH25-18       | 23-Jun-25      | 599791  | 4811813  | 158.93                    | 159.84                          | 6.40                        | 0.91             | 2.13              | 5.18   | 156.80   | 153.75 | 1.52              | 6.40   | 157.41   | 152.53 | Shale                     |
| Boreholes        |                |         |          |                           |                                 |                             |                  |                   |        |          |        |                   |        |          |        |                           |
| BH25-01          | 26-Jun-25      | 599616  | 4811877  | 160.24                    | -                               | 3.12                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-02          | 27-Jun-25      | 599654  | 4811901  | 161.11                    | -                               | 3.28                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-03          | 19-Jun-25      | 599684  | 4811948  | 160.24                    | -                               | 2.79                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-04          | 26-Jun-25      | 599661  | 4811860  | 159.82                    | -                               | 2.41                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-05          | 19-Jun-25      | 599705  | 4811915  | 161.07                    | -                               | 3.30                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-06          | 26-Jun-25      | 599640  | 4811812  | 159.94                    | -                               | 2.51                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-09          | 26-Jun-25      | 599697  | 4811863  | 159.64                    | -                               | 2.49                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-10          | 25-Jun-25      | 599752  | 4811875  | 160.42                    | -                               | 3.12                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-12          | 25-Jun-25      | 599692  | 4811773  | 160.97                    | -                               | 3.53                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-13          | 25-Jun-25      | 599750  | 4811824  | 159.23                    | -                               | 2.57                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-15          | 24-Jun-25      | 599793  | 4811842  | 159.69                    | -                               | 3.18                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-16          | 25-Jun-25      | 599744  | 4811743  | 160.27                    | -                               | 3.94                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-17          | 24-Jun-25      | 599769  | 4811777  | 159.77                    | -                               | 3.23                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-19          | 27-Jun-25      | 599580  | 4811578  | 162.23                    | -                               | 3.66                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-20          | 27-Jun-25      | 599498  | 4811649  | 162.18                    | -                               | 3.48                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-21          | 27-Jun-25      | 599486  | 4811735  | 162.29                    | -                               | 3.94                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-22          | 27-Jun-25      | 599564  | 4811831  | 161.77                    | -                               | 3.66                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |
| BH25-23          | 27-Jun-25      | 599634  | 4811934  | 160.73                    | -                               | 3.23                        | -                | -                 | -      | -        | -      | -                 | -      | -        | -      | -                         |

## Notes:

mBGS metres below ground surface

mAMSL metres above mean sea level

- Elevations were established using a geodetic benchmark (BM) and NAD83 UTM 18 (1997).



Table 3A

**Summary of Groundwater Levels (mBGS)**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway,**  
**Oakville, Ontario**  
**Infrastruture Ontario**

|                                | <b>MW25-07</b> | <b>MW25-08</b> | <b>MW25-11</b> | <b>MW25-14</b> | <b>MW25-18</b> |
|--------------------------------|----------------|----------------|----------------|----------------|----------------|
| <b>Top of Riser (mAMSL):</b>   | 160.54         | 161.92         | 160.10         | 160.78         | 159.84         |
| <b>Ground Surface (mAMSL):</b> | 159.56         | 161.00         | 159.25         | 159.90         | 158.93         |
| 20-Jun-25                      | 0.50           | -              | 2.73           | -              | -              |
| 23-Jun-25                      | -              | -              | -              | -              | 1.98           |
| 27-Jun-25                      | 0.40           | 2.87           | 2.68           | DRY            | 2.66           |
| 10-Jul-25                      | 0.44           | 2.50           | 2.60           | DRY            | 2.59           |
| 11-Jul-25                      | 1.06           | *              | 2.70           | DRY            | 2.62           |

## Notes:

- No data available (inaccessible, not found, damaged, destroyed, not measured)
- \* Well still recovering from development
- mBGS metres below ground surface
- mAMSL metres above mean sea level

**Table 3B**  
**Summary of Groundwater Elevation (mAMSL)**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway,**  
**Oakville, Ontario**  
**Infrastruture Ontario**

|                                    | <b>MW25-07</b> | <b>MW25-08</b> | <b>MW25-11</b> | <b>MW25-14</b> | <b>MW25-18</b> |
|------------------------------------|----------------|----------------|----------------|----------------|----------------|
| <b>Top of Riser<br/>(mAMSL):</b>   | 160.54         | 161.92         | 160.10         | 160.78         | 159.84         |
| <b>Ground Surface<br/>(mAMSL):</b> | 159.56         | 161.00         | 159.25         | 159.90         | 158.93         |
| 20-Jun-25                          | 159.06         | -              | 156.52         | -              | -              |
| 23-Jun-25                          | -              | -              | -              | -              | 156.95         |
| 27-Jun-25                          | 159.16         | 158.13         | 156.57         | DRY            | 156.27         |
| 10-Jul-25                          | 159.12         | 158.50         | 156.65         | DRY            | 156.34         |
| 11-Jul-25                          | 158.50         | *              | 156.55         | DRY            | 156.31         |

## Notes:

- No data available (inaccessible, not found, damaged, destroyed, not measured)
- \* Well still recovering from development
- mBGS metres below ground surface
- mAMSL metres above mean sea level

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                           |
|-------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-01</b>                            | <b>BH25-01</b>                                | <b>BH25-01</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-01-0'-2'</b> | <b>S-12669624-260625-RB-BH25-01-2.5'-4.5'</b> | <b>S-12669624-260625-RB-BH25-01-5'-7'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                              | <b>6/26/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                          |

|                                                      |       | Table 2      |
|------------------------------------------------------|-------|--------------|
| Parameters                                           | Units | ICC Med/Fine |
| Volatiles                                            |       |              |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11         |
| 1,1,1-Trichloroethane                                | mg/kg | 12           |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094        |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11         |
| 1,1-Dichloroethane                                   | mg/kg | 0.6          |
| 1,1-Dichloroethene                                   | mg/kg | 0.48         |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05         |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7          |
| 1,2-Dichloroethane                                   | mg/kg | 0.05         |
| 1,2-Dichloropropane                                  | mg/kg | 0.68         |
| 1,3-Dichlorobenzene                                  | mg/kg | 12           |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57         |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88           |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210          |
| Acetone                                              | mg/kg | 28           |
| Benzene                                              | mg/kg | 0.4          |
| Bromodichloromethane                                 | mg/kg | 1.9          |
| Bromoform                                            | mg/kg | 1.7          |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05         |
| Carbon tetrachloride                                 | mg/kg | 0.71         |
| Chlorobenzene                                        | mg/kg | 2.7          |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18         |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5          |
| cis-1,3-Dichloropropene                              | mg/kg | -            |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081        |
| Dibromochloromethane                                 | mg/kg | 2.9          |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25           |
| Ethylbenzene                                         | mg/kg | 1.6          |
| Hexane                                               | mg/kg | 88           |
| m&p-Xylenes                                          | mg/kg | -            |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3          |
| Methylene chloride                                   | mg/kg | 2            |
| o-Xylene                                             | mg/kg | -            |
| Styrene                                              | mg/kg | 43           |
| Tetrachloroethene                                    | mg/kg | 2.5          |
| Toluene                                              | mg/kg | 9            |
| Total BTEX                                           | mg/kg | -            |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5          |
| trans-1,3-Dichloropropene                            | mg/kg | -            |
| Trichloroethene                                      | mg/kg | 0.61         |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-01

S-12669624-260625-RB-BH25-01-0'-2' S-12669624-260625-RB-BH25-01-2.5'-4.5' S-12669624-260625-RB-BH25-01-5'-7'

BH25-01

BH25-01

6/26/2025

6/26/2025

6/26/2025

0.00-0.61

0.76-1.37

1.52-2.13

WT2517131

WT2517131

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

-

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

ND(0.05)

ND(0.05)

-

2-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

-

Acenaphthene

mg/kg

29

ND(0.050)

ND(0.050)

-

Acenaphthylene

mg/kg

0.17

ND(0.050)

ND(0.050)

-

Anthracene

mg/kg

0.74

ND(0.050)

ND(0.050)

-

Benzo(a)anthracene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Benzo(a)pyrene

mg/kg

0.3

ND(0.050)

ND(0.050)

-

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Benzo(g,h,i)perylene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Benzo(k)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Chrysene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Dibenz(a,h)anthracene

mg/kg

0.1

ND(0.050)

ND(0.050)

-

Fluoranthene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Fluorene

mg/kg

69

ND(0.050)

ND(0.050)

-

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

ND(0.050)

ND(0.050)

-

Naphthalene

mg/kg

28

ND(0.010)

ND(0.010)

-

Phenanthrene

mg/kg

16

ND(0.050)

ND(0.050)

-

Pyrene

mg/kg

96

ND(0.050)

ND(0.050)

-

## Metals

Antimony

mg/kg

50

0.20

0.24

0.43

Arsenic

mg/kg

18

4.18

3.01

3.89

Barium

mg/kg

670

88.2

146

59.6

Beryllium

mg/kg

10

0.66

0.68

0.88

Boron

mg/kg

120

5.6

21.6

30.7

Boron (hot water soluble)

mg/kg

2

0.23

0.12

0.46

Cadmium

mg/kg

1.9

0.490

0.088

0.057

Chromium

mg/kg

160

25.6

18.0

24.8

Chromium VI (hexavalent)

mg/kg

10

0.14

ND(0.10)

ND(0.10)

Cobalt

mg/kg

100

9.70

9.97

14.5

Copper

mg/kg

300

20.3

6.79

8.52

Lead

mg/kg

120

18.2

10.9

12.3

Mercury

mg/kg

20

0.0530

ND(0.0050)

ND(0.0050)

Molybdenum

mg/kg

40

0.52

0.45

1.20

Nickel

mg/kg

340

18.4

20.5

29.9

Selenium

mg/kg

5.5

0.29

ND(0.20)

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                           |
|-------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-01</b>                            | <b>BH25-01</b>                                | <b>BH25-01</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-01-0'-2'</b> | <b>S-12669624-260625-RB-BH25-01-2.5'-4.5'</b> | <b>S-12669624-260625-RB-BH25-01-5'-7'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                              | <b>6/26/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                          |

|                                      |              | <b>Table 2</b>      |             |          |          |
|--------------------------------------|--------------|---------------------|-------------|----------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |             |          |          |
| Silver                               | mg/kg        | 50                  | 0.22        | ND(0.10) | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.142       | 0.090    | 0.111    |
| Uranium                              | mg/kg        | 33                  | 0.733       | 0.586    | 0.645    |
| Vanadium                             | mg/kg        | 86                  | 33.0        | 25.1     | 35.6     |
| Zinc                                 | mg/kg        | 340                 | 75.2        | 45.1     | 64.0     |
| <b>SAR Metals</b>                    |              |                     |             |          |          |
| Calcium (soluble)                    | mg/L         | -                   | 7.70        | 3.13     | 3.29     |
| Magnesium (soluble)                  | mg/L         | -                   | 2.92        | 2.27     | 1.82     |
| Sodium (soluble)                     | mg/L         | -                   | 2.28        | 1.23     | 4.37     |
| <b>Pesticides</b>                    |              |                     |             |          |          |
| 2,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | -        | -        |
| 4,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | -        | -        |
| Aldrin                               | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| alpha-Chlordane                      | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Chlordane                            | mg/kg        | 0.05                | ND(0.00042) | -        | -        |
| Chlordane, technical                 | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Dieldrin                             | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| Endosulfan                           | mg/kg        | 0.38                | ND(0.00042) | -        | -        |
| Endosulfan I                         | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endosulfan II                        | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endrin                               | mg/kg        | 0.04                | ND(0.00050) | -        | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | ND(0.00020) | -        | -        |
| Heptachlor                           | mg/kg        | 0.19                | ND(0.00020) | -        | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | ND(0.00020) | -        | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | ND(0.00050) | -        | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | ND(0.00050) | -        | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | ND(0.00050) | -        | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | ND(0.00100) | -        | -        |
| Total DDD                            | mg/kg        | 4.6                 | ND(0.00042) | -        | -        |
| Total DDE                            | mg/kg        | 0.65                | ND(0.00042) | -        | -        |
| Total DDT                            | mg/kg        | 1.4                 | ND(0.00085) | -        | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |             |          |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES         | YES      | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)     | ND(5.0)  | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)       | ND(5)    | ND(5)    |



Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                               |                                           |
|-------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-01</b>                            | <b>BH25-01</b>                                | <b>BH25-01</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-01-0'-2'</b> | <b>S-12669624-260625-RB-BH25-01-2.5'-4.5'</b> | <b>S-12669624-260625-RB-BH25-01-5'-7'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                              | <b>6/26/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                          |

| <b>Table 2</b>                              |              |                     |           |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.169     | 0.138     | 0.171     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 14.0      | 11.5      | 13.5      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.52      | 7.00      | 7.68      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.18      | 0.13      | 0.48      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                               |
|-------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-02</b>                            | <b>BH25-02</b>                                | <b>BH25-02</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-270625-RB-BH25-02-0'-2'</b> | <b>S-12669624-270625-RB-BH25-02-2.5'-4.5'</b> | <b>S-12669624-270625-RB-BH25-02-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/27/2025</b>                          | <b>6/27/2025</b>                              | <b>6/27/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                              |

| Parameters | Table 2 |              |
|------------|---------|--------------|
|            | Units   | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-02

S-12669624-270625-RB-BH25-02-0'-2'

6/27/2025

0.00-0.61

WT2517131

BH25-02

S-12669624-270625-RB-BH25-02-2.5'-4.5'

6/27/2025

0.76-1.37

WT2517131

BH25-02

S-12669624-270625-RB-BH25-02-7.5'-9.5'

6/27/2025

2.29-2.90

WT2517131

| Parameters                      | Units | Table 2<br>ICC Med/Fine |
|---------------------------------|-------|-------------------------|
| Trichlorofluoromethane (CFC-11) | mg/kg | 5.8                     |
| Vinyl chloride                  | mg/kg | 0.25                    |
| Xylenes (total)                 | mg/kg | 30                      |

## PAHs

|                                           |       |      |           |           |   |
|-------------------------------------------|-------|------|-----------|-----------|---|
| 1-Methylnaphthalene                       | mg/kg | 42   | ND(0.030) | ND(0.030) | - |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42   | ND(0.05)  | ND(0.05)  | - |
| 2-Methylnaphthalene                       | mg/kg | 42   | ND(0.030) | ND(0.030) | - |
| Acenaphthene                              | mg/kg | 29   | ND(0.050) | ND(0.050) | - |
| Acenaphthylene                            | mg/kg | 0.17 | ND(0.050) | ND(0.050) | - |
| Anthracene                                | mg/kg | 0.74 | ND(0.050) | ND(0.050) | - |
| Benzo(a)anthracene                        | mg/kg | 0.96 | ND(0.050) | ND(0.050) | - |
| Benzo(a)pyrene                            | mg/kg | 0.3  | ND(0.050) | ND(0.050) | - |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96 | ND(0.050) | ND(0.050) | - |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6  | ND(0.050) | ND(0.050) | - |
| Benzo(k)fluoranthene                      | mg/kg | 0.96 | ND(0.050) | ND(0.050) | - |
| Chrysene                                  | mg/kg | 9.6  | ND(0.050) | ND(0.050) | - |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1  | ND(0.050) | ND(0.050) | - |
| Fluoranthene                              | mg/kg | 9.6  | ND(0.050) | ND(0.050) | - |
| Fluorene                                  | mg/kg | 69   | ND(0.050) | ND(0.050) | - |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95 | ND(0.050) | ND(0.050) | - |
| Naphthalene                               | mg/kg | 28   | ND(0.010) | ND(0.010) | - |
| Phenanthrene                              | mg/kg | 16   | ND(0.050) | ND(0.050) | - |
| Pyrene                                    | mg/kg | 96   | ND(0.050) | ND(0.050) | - |

## Metals

|                           |       |     |          |          |          |
|---------------------------|-------|-----|----------|----------|----------|
| Antimony                  | mg/kg | 50  | 0.17     | 0.16     | 0.24     |
| Arsenic                   | mg/kg | 18  | 6.38     | 5.48     | 5.69     |
| Barium                    | mg/kg | 670 | 132      | 95.0     | 130      |
| Beryllium                 | mg/kg | 10  | 1.21     | 0.78     | 0.84     |
| Boron                     | mg/kg | 120 | 11.8     | 15.2     | 22.5     |
| Boron (hot water soluble) | mg/kg | 2   | ND(0.10) | ND(0.10) | ND(0.10) |
| Cadmium                   | mg/kg | 1.9 | 0.080    | 0.116    | 0.103    |
| Chromium                  | mg/kg | 160 | 34.5     | 22.3     | 22.5     |
| Chromium VI (hexavalent)  | mg/kg | 10  | 0.65     | 0.17     | 0.13     |
| Cobalt                    | mg/kg | 100 | 14.4     | 12.0     | 13.3     |
| Copper                    | mg/kg | 300 | 35.0     | 26.8     | 26.5     |
| Lead                      | mg/kg | 120 | 15.3     | 11.6     | 12.1     |
| Mercury                   | mg/kg | 20  | 0.0373   | 0.0146   | 0.0100   |
| Molybdenum                | mg/kg | 40  | 0.42     | 0.45     | 0.68     |
| Nickel                    | mg/kg | 340 | 31.0     | 25.4     | 27.3     |
| Selenium                  | mg/kg | 5.5 | 0.28     | ND(0.20) | ND(0.20) |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                               |
|-------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-02</b>                            | <b>BH25-02</b>                                | <b>BH25-02</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-270625-RB-BH25-02-0'-2'</b> | <b>S-12669624-270625-RB-BH25-02-2.5'-4.5'</b> | <b>S-12669624-270625-RB-BH25-02-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/27/2025</b>                          | <b>6/27/2025</b>                              | <b>6/27/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                              |

|                                      |              | <b>Table 2</b>      |             |          |          |
|--------------------------------------|--------------|---------------------|-------------|----------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |             |          |          |
| Silver                               | mg/kg        | 50                  | ND(0.10)    | ND(0.10) | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.223       | 0.153    | 0.137    |
| Uranium                              | mg/kg        | 33                  | 0.699       | 0.582    | 0.634    |
| Vanadium                             | mg/kg        | 86                  | 46.8        | 32.5     | 33.0     |
| Zinc                                 | mg/kg        | 340                 | 81.6        | 60.3     | 63.5     |
| <b>SAR Metals</b>                    |              |                     |             |          |          |
| Calcium (soluble)                    | mg/L         | -                   | 10.4        | 3.74     | 2.77     |
| Magnesium (soluble)                  | mg/L         | -                   | 0.77        | ND(0.50) | 0.99     |
| Sodium (soluble)                     | mg/L         | -                   | 1.89        | 0.79     | 0.79     |
| <b>Pesticides</b>                    |              |                     |             |          |          |
| 2,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | -        | -        |
| 4,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | -        | -        |
| Aldrin                               | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| alpha-Chlordane                      | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Chlordane                            | mg/kg        | 0.05                | ND(0.00042) | -        | -        |
| Chlordane, technical                 | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Dieldrin                             | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| Endosulfan                           | mg/kg        | 0.38                | ND(0.00042) | -        | -        |
| Endosulfan I                         | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endosulfan II                        | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endrin                               | mg/kg        | 0.04                | ND(0.00050) | -        | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | ND(0.00020) | -        | -        |
| Heptachlor                           | mg/kg        | 0.19                | ND(0.00020) | -        | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | ND(0.00020) | -        | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | ND(0.00050) | -        | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | ND(0.00050) | -        | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | ND(0.00050) | -        | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | ND(0.00100) | -        | -        |
| Total DDD                            | mg/kg        | 4.6                 | ND(0.00042) | -        | -        |
| Total DDE                            | mg/kg        | 0.65                | ND(0.00042) | -        | -        |
| Total DDT                            | mg/kg        | 1.4                 | ND(0.00085) | -        | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |             |          |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES         | YES      | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)     | ND(5.0)  | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)       | ND(5)    | ND(5)    |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                               |                                               |
|-------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-02</b>                            | <b>BH25-02</b>                                | <b>BH25-02</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-270625-RB-BH25-02-0'-2'</b> | <b>S-12669624-270625-RB-BH25-02-2.5'-4.5'</b> | <b>S-12669624-270625-RB-BH25-02-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/27/2025</b>                          | <b>6/27/2025</b>                              | <b>6/27/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                              |

| <b>Table 2</b>                              |              |                     |           |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.208     | 0.125     | 0.122     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 16.2      | 11.6      | 10.1      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.22      | 7.66      | 7.77      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.15      | 0.11      | 0.10      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-03</b>                             | <b>BH25-03</b>                                 | <b>BH25-03</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-BH25-03-0-2'</b> | <b>S-12669624-19/06/25-RB-BH25-03-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-BH25-03-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                           | <b>6/19/2025</b>                               | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

| Parameters                                           | Units | Table 2 |            |            |            |
|------------------------------------------------------|-------|---------|------------|------------|------------|
|                                                      |       | ICC     | Med/Fine   |            |            |
| Volatiles                                            |       |         |            |            |            |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88      | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210     | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28      | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4     | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081   | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6     | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3     | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2       | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9       | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -       | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61    | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-03

S-12669624-19/06/25-RB-BH25-03-0-2' S-12669624-19/06/25-RB-BH25-03-2.5-4.5' S-12669624-19/06/25-RB-BH25-03-5-7'

BH25-03

BH25-03

6/19/2025

6/19/2025

6/19/2025

0.00-0.61

0.76-1.37

1.52-2.13

WT2516558

WT2516558

WT2516558

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

-

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

ND(0.05)

ND(0.05)

-

2-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

-

Acenaphthene

mg/kg

29

ND(0.050)

ND(0.050)

-

Acenaphthylene

mg/kg

0.17

ND(0.050)

ND(0.050)

-

Anthracene

mg/kg

0.74

ND(0.050)

ND(0.050)

-

Benzo(a)anthracene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Benzo(a)pyrene

mg/kg

0.3

ND(0.050)

ND(0.050)

-

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Benzo(g,h,i)perylene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Benzo(k)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Chrysene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Dibenz(a,h)anthracene

mg/kg

0.1

ND(0.050)

ND(0.050)

-

Fluoranthene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Fluorene

mg/kg

69

ND(0.050)

ND(0.050)

-

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

ND(0.050)

ND(0.050)

-

Naphthalene

mg/kg

28

ND(0.010)

ND(0.010)

-

Phenanthrene

mg/kg

16

ND(0.050)

ND(0.050)

-

Pyrene

mg/kg

96

ND(0.050)

ND(0.050)

-

## Metals

Antimony

mg/kg

50

0.17

0.14

0.44

Arsenic

mg/kg

18

4.40

4.34

5.32

Barium

mg/kg

670

91.5

90.9

103

Beryllium

mg/kg

10

0.78

0.62

0.87

Boron

mg/kg

120

5.4

10.8

29.9

Boron (hot water soluble)

mg/kg

2

0.23

ND(0.10)

0.16

Cadmium

mg/kg

1.9

0.216

0.114

0.079

Chromium

mg/kg

160

25.8

19.7

24.6

Chromium VI (hexavalent)

mg/kg

10

0.11

0.10

ND(0.10)

Cobalt

mg/kg

100

11.5

10.1

13.9

Copper

mg/kg

300

20.2

21.9

10.1

Lead

mg/kg

120

16.9

9.11

10.8

Mercury

mg/kg

20

0.0542

0.0144

ND(0.0050)

Molybdenum

mg/kg

40

0.56

0.35

1.10

Nickel

mg/kg

340

21.4

22.3

29.0

Selenium

mg/kg

5.5

0.35

ND(0.20)

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-03</b>                             | <b>BH25-03</b>                                 | <b>BH25-03</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-BH25-03-0-2'</b> | <b>S-12669624-19/06/25-RB-BH25-03-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-BH25-03-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                           | <b>6/19/2025</b>                               | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

|                                      |              | <b>Table 2</b>      |             |          |          |
|--------------------------------------|--------------|---------------------|-------------|----------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |             |          |          |
| Silver                               | mg/kg        | 50                  | 0.14        | ND(0.10) | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.158       | 0.128    | 0.111    |
| Uranium                              | mg/kg        | 33                  | 0.593       | 0.505    | 0.604    |
| Vanadium                             | mg/kg        | 86                  | 36.3        | 28.3     | 34.6     |
| Zinc                                 | mg/kg        | 340                 | 74.7        | 52.9     | 61.4     |
| <b>SAR Metals</b>                    |              |                     |             |          |          |
| Calcium (soluble)                    | mg/L         | -                   | 5.09        | 3.86     | 2.83     |
| Magnesium (soluble)                  | mg/L         | -                   | 5.99        | ND(0.50) | 1.86     |
| Sodium (soluble)                     | mg/L         | -                   | 0.97        | 1.00     | 1.43     |
| <b>Pesticides</b>                    |              |                     |             |          |          |
| 2,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDT                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDD                             | mg/kg        | -                   | ND(0.00060) | -        | -        |
| 4,4'-DDE                             | mg/kg        | -                   | 0.00170     | -        | -        |
| 4,4'-DDT                             | mg/kg        | -                   | 0.00046     | -        | -        |
| Aldrin                               | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| alpha-Chlordane                      | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Chlordane                            | mg/kg        | 0.05                | ND(0.00042) | -        | -        |
| Chlordane, technical                 | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Dieldrin                             | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| Endosulfan                           | mg/kg        | 0.38                | ND(0.00042) | -        | -        |
| Endosulfan I                         | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endosulfan II                        | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endrin                               | mg/kg        | 0.04                | ND(0.00050) | -        | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | ND(0.00020) | -        | -        |
| Heptachlor                           | mg/kg        | 0.19                | ND(0.00020) | -        | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | ND(0.00020) | -        | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | ND(0.00050) | -        | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | ND(0.00050) | -        | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | ND(0.00050) | -        | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | ND(0.00050) | -        | -        |
| Total DDD                            | mg/kg        | 4.6                 | ND(0.00067) | -        | -        |
| Total DDE                            | mg/kg        | 0.65                | 0.00170     | -        | -        |
| Total DDT                            | mg/kg        | 1.4                 | 0.00046     | -        | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |             |          |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES         | YES      | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)     | ND(5.0)  | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)       | ND(5)    | ND(5)    |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-03</b>                             | <b>BH25-03</b>                                 | <b>BH25-03</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-BH25-03-0-2'</b> | <b>S-12669624-19/06/25-RB-BH25-03-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-BH25-03-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                           | <b>6/19/2025</b>                               | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

| <b>Table 2</b>                              |              |                     |           |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | 0.32      |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | ND(5.0)   |
| Conductivity                                | mS/cm        | 1.4                 | 0.0921    | 0.120     | 0.131     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 14.0      | 12.2      | 10.1      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | 253       |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 6.55      | 7.62      | 7.82      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | 7630      |
| Sodium adsorption ratio (SAR)               | none         | 12                  | ND(0.10)  | 0.14      | 0.16      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | 22        |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                   |
|-------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------|
| <b>Sample Location:</b> | <b>BH25-04</b>                            | <b>BH25-04</b>                                | <b>BH25-04</b>                    |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-04-0'-2'</b> | <b>S-12669624-260625-RB-BH25-04-2.5'-4.5'</b> | <b>S-12669624-260625-RB-DUP 8</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                              | <b>6/26/2025</b>                  |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>0.76-1.37</b>                  |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                  |

| Parameters | Units | Table 2      |
|------------|-------|--------------|
|            |       | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

| Sample Location:                          |       |              | BH25-04                            | BH25-04                                | BH25-04                    |
|-------------------------------------------|-------|--------------|------------------------------------|----------------------------------------|----------------------------|
| Sample ID:                                |       |              | S-12669624-260625-RB-BH25-04-0'-2' | S-12669624-260625-RB-BH25-04-2.5'-4.5' | S-12669624-260625-RB-DUP 8 |
| Sample Date:                              |       |              | 6/26/2025                          | 6/26/2025                              | 6/26/2025                  |
| Sample Depth:                             |       |              | 0.00-0.61                          | 0.76-1.37                              | 0.76-1.37                  |
| LAB_COAs:                                 |       |              | WT2517131                          | WT2517131                              | WT2517131                  |
| Table 2                                   |       |              |                                    |                                        | Duplicate                  |
| Parameters                                | Units | ICC Med/Fine |                                    |                                        |                            |
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8          | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Vinyl chloride                            | mg/kg | 0.25         | ND(0.020)                          | ND(0.020)                              | ND(0.020)                  |
| Xylenes (total)                           | mg/kg | 30           | ND(0.05)                           | ND(0.05)                               | ND(0.05)                   |
| <b>PAHs</b>                               |       |              |                                    |                                        |                            |
| 1-Methylnaphthalene                       | mg/kg | 42           | ND(0.030)                          | ND(0.030)                              | ND(0.030)                  |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42           | ND(0.05)                           | ND(0.05)                               | ND(0.05)                   |
| 2-Methylnaphthalene                       | mg/kg | 42           | ND(0.030)                          | ND(0.030)                              | ND(0.030)                  |
| Acenaphthene                              | mg/kg | 29           | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Acenaphthylene                            | mg/kg | 0.17         | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Anthracene                                | mg/kg | 0.74         | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Benzo(a)anthracene                        | mg/kg | 0.96         | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Benzo(a)pyrene                            | mg/kg | 0.3          | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96         | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6          | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Benzo(k)fluoranthene                      | mg/kg | 0.96         | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Chrysene                                  | mg/kg | 9.6          | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1          | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Fluoranthene                              | mg/kg | 9.6          | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Fluorene                                  | mg/kg | 69           | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95         | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Naphthalene                               | mg/kg | 28           | ND(0.010)                          | ND(0.010)                              | ND(0.010)                  |
| Phenanthrene                              | mg/kg | 16           | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| Pyrene                                    | mg/kg | 96           | ND(0.050)                          | ND(0.050)                              | ND(0.050)                  |
| <b>Metals</b>                             |       |              |                                    |                                        |                            |
| Antimony                                  | mg/kg | 50           | 0.13                               | 0.18                                   | 0.21                       |
| Arsenic                                   | mg/kg | 18           | 5.76                               | 5.80                                   | 6.82                       |
| Barium                                    | mg/kg | 670          | 252                                | 125                                    | 135                        |
| Beryllium                                 | mg/kg | 10           | 1.23                               | 0.76                                   | 0.78                       |
| Boron                                     | mg/kg | 120          | 8.7                                | 20.8                                   | 25.4                       |
| Boron (hot water soluble)                 | mg/kg | 2            | 0.39                               | 0.26                                   | 0.26                       |
| Cadmium                                   | mg/kg | 1.9          | 0.162                              | 0.134                                  | 0.122                      |
| Chromium                                  | mg/kg | 160          | 32.1                               | 19.7                                   | 21.5                       |
| Chromium VI (hexavalent)                  | mg/kg | 10           | 0.57                               | 0.13                                   | 0.11                       |
| Cobalt                                    | mg/kg | 100          | 11.6                               | 11.1                                   | 12.5                       |
| Copper                                    | mg/kg | 300          | 21.8                               | 23.6                                   | 20.8                       |
| Lead                                      | mg/kg | 120          | 16.5                               | 11.3                                   | 11.6                       |
| Mercury                                   | mg/kg | 20           | 0.0355                             | 0.0127                                 | 0.0090                     |
| Molybdenum                                | mg/kg | 40           | 1.20                               | 1.24                                   | 1.66                       |
| Nickel                                    | mg/kg | 340          | 26.3                               | 23.0                                   | 26.1                       |
| Selenium                                  | mg/kg | 5.5          | ND(0.20)                           | ND(0.20)                               | ND(0.20)                   |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

| Sample Location:                     |       |              | BH25-04                            | BH25-04                                | BH25-04                    |
|--------------------------------------|-------|--------------|------------------------------------|----------------------------------------|----------------------------|
| Sample ID:                           |       |              | S-12669624-260625-RB-BH25-04-0'-2' | S-12669624-260625-RB-BH25-04-2.5'-4.5' | S-12669624-260625-RB-DUP 8 |
| Sample Date:                         |       |              | 6/26/2025                          | 6/26/2025                              | 6/26/2025                  |
| Sample Depth:                        |       |              | 0.00-0.61                          | 0.76-1.37                              | 0.76-1.37                  |
| LAB_COAs:                            |       |              | WT2517131                          | WT2517131                              | WT2517131                  |
| Table 2                              |       |              |                                    |                                        | Duplicate                  |
| Parameters                           | Units | ICC Med/Fine |                                    |                                        |                            |
| Silver                               | mg/kg | 50           | ND(0.10)                           | ND(0.10)                               | ND(0.10)                   |
| Thallium                             | mg/kg | 3.3          | 0.215                              | 0.132                                  | 0.142                      |
| Uranium                              | mg/kg | 33           | 1.56                               | 0.785                                  | 0.839                      |
| Vanadium                             | mg/kg | 86           | 50.1                               | 29.3                                   | 32.4                       |
| Zinc                                 | mg/kg | 340          | 78.0                               | 60.4                                   | 57.2                       |
| <b>SAR Metals</b>                    |       |              |                                    |                                        |                            |
| Calcium (soluble)                    | mg/L  | -            | 7.53                               | 3.56                                   | 3.57                       |
| Magnesium (soluble)                  | mg/L  | -            | 2.18                               | 1.28                                   | 1.27                       |
| Sodium (soluble)                     | mg/L  | -            | 3.87                               | 1.82                                   | 1.93                       |
| <b>Pesticides</b>                    |       |              |                                    |                                        |                            |
| 2,4'-DDD                             | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| 2,4'-DDE                             | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| 2,4'-DDT                             | mg/kg | -            | ND(0.00150)                        | -                                      | -                          |
| 4,4'-DDD                             | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| 4,4'-DDE                             | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| 4,4'-DDT                             | mg/kg | -            | ND(0.00150)                        | -                                      | -                          |
| Aldrin                               | mg/kg | 0.11         | ND(0.00099)                        | -                                      | -                          |
| alpha-Chlordane                      | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| Chlordane                            | mg/kg | 0.05         | ND(0.00140)                        | -                                      | -                          |
| Chlordane, technical                 | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| Dieldrin                             | mg/kg | 0.11         | ND(0.00099)                        | -                                      | -                          |
| Endosulfan                           | mg/kg | 0.38         | ND(0.00140)                        | -                                      | -                          |
| Endosulfan I                         | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| Endosulfan II                        | mg/kg | -            | ND(0.00099)                        | -                                      | -                          |
| Endrin                               | mg/kg | 0.04         | ND(0.00099)                        | -                                      | -                          |
| gamma-BHC (lindane)                  | mg/kg | 0.063        | ND(0.00099)                        | -                                      | -                          |
| Heptachlor                           | mg/kg | 0.19         | ND(0.00099)                        | -                                      | -                          |
| Heptachlor epoxide                   | mg/kg | 0.05         | ND(0.00099)                        | -                                      | -                          |
| Hexachlorobenzene                    | mg/kg | 0.66         | ND(0.00099)                        | -                                      | -                          |
| Hexachlorobutadiene                  | mg/kg | 0.095        | ND(0.00099)                        | -                                      | -                          |
| Hexachloroethane                     | mg/kg | 0.43         | ND(0.00099)                        | -                                      | -                          |
| Methoxychlor                         | mg/kg | 1.6          | ND(0.00250)                        | -                                      | -                          |
| Total DDD                            | mg/kg | 4.6          | ND(0.00140)                        | -                                      | -                          |
| Total DDE                            | mg/kg | 0.65         | ND(0.00140)                        | -                                      | -                          |
| Total DDT                            | mg/kg | 1.4          | ND(0.00212)                        | -                                      | -                          |
| <b>Petroleum Hydrocarbons</b>        |       |              |                                    |                                        |                            |
| Chromatogram to baseline at nC50     | none  | -            | YES                                | YES                                    | YES                        |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65           | ND(5.0)                            | ND(5.0)                                | ND(5.0)                    |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65           | ND(5)                              | ND(5)                                  | ND(5)                      |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                               |                                   |
|-------------------------|-------------------------------------------|-----------------------------------------------|-----------------------------------|
| <b>Sample Location:</b> | <b>BH25-04</b>                            | <b>BH25-04</b>                                | <b>BH25-04</b>                    |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-04-0'-2'</b> | <b>S-12669624-260625-RB-BH25-04-2.5'-4.5'</b> | <b>S-12669624-260625-RB-DUP 8</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                              | <b>6/26/2025</b>                  |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>0.76-1.37</b>                  |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                  |

|                                             |              | <b>Table 2</b>      |           |           |                  |
|---------------------------------------------|--------------|---------------------|-----------|-----------|------------------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           | <b>Duplicate</b> |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)           |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    | ND(25)           |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)           |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)           |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)           |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)           |
| <b>General Chemistry</b>                    |              |                     |           |           |                  |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -                |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -                |
| Conductivity                                | mS/cm        | 1.4                 | 0.216     | 0.151     | 0.148            |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050)        |
| Moisture                                    | %            | -                   | 18.3      | 13.0      | 12.6             |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -                |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.34      | 7.70      | 7.70             |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -                |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.32      | 0.21      | 0.22             |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -                |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario

Infrastructure Ontario

|                         |                                           |                                            |                                                |
|-------------------------|-------------------------------------------|--------------------------------------------|------------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-04</b>                            | <b>BH25-05</b>                             | <b>BH25-05</b>                                 |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-04-5'-7'</b> | <b>S-12669624-19/06/25-RB-BH25-05-0-2'</b> | <b>S-12669624-19/06/25-RB-BH25-05-2.5-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/19/2025</b>                           | <b>6/19/2025</b>                               |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2516558</b>                           | <b>WT2516558</b>                               |

| Parameters | Table 2 |              |
|------------|---------|--------------|
|            | Units   | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-04

BH25-05

BH25-05

S-12669624-260625-RB-BH25-04-5'-7' S-12669624-19/06/25-RB-BH25-05-0-2' S-12669624-19/06/25-RB-BH25-05-2.5-4.5'

6/26/2025

6/19/2025

6/19/2025

1.52-2.13

0.00-0.61

0.76-1.37

WT2517131

WT2516558

WT2516558

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

-

ND(0.05)

ND(0.05)

2-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

Acenaphthene

mg/kg

29

-

ND(0.050)

ND(0.050)

Acenaphthylene

mg/kg

0.17

-

ND(0.050)

ND(0.050)

Anthracene

mg/kg

0.74

-

ND(0.050)

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

-

ND(0.050)

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Chrysene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

-

ND(0.050)

ND(0.050)

Fluoranthene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Fluorene

mg/kg

69

-

ND(0.050)

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

-

ND(0.050)

ND(0.050)

Naphthalene

mg/kg

28

-

ND(0.010)

ND(0.010)

Phenanthrene

mg/kg

16

-

ND(0.050)

ND(0.050)

Pyrene

mg/kg

96

-

ND(0.050)

ND(0.050)

## Metals

Antimony

mg/kg

50

0.28

0.24

0.16

Arsenic

mg/kg

18

6.96

4.22

4.27

Barium

mg/kg

670

89.2

70.9

75.7

Beryllium

mg/kg

10

0.98

0.63

0.69

Boron

mg/kg

120

34.8

5.4

11.7

Boron (hot water soluble)

mg/kg

2

0.34

0.28

ND(0.10)

Cadmium

mg/kg

1.9

0.093

0.247

0.126

Chromium

mg/kg

160

26.0

24.3

21.4

Chromium VI (hexavalent)

mg/kg

10

0.15

0.46

0.15

Cobalt

mg/kg

100

15.0

10.6

11.0

Copper

mg/kg

300

9.91

19.2

23.3

Lead

mg/kg

120

11.8

17.6

10.4

Mercury

mg/kg

20

ND(0.0050)

0.0478

0.0166

Molybdenum

mg/kg

40

0.84

0.54

0.38

Nickel

mg/kg

340

29.9

19.3

23.1

Selenium

mg/kg

5.5

ND(0.20)

0.32

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                            |                                                |
|-------------------------|-------------------------------------------|--------------------------------------------|------------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-04</b>                            | <b>BH25-05</b>                             | <b>BH25-05</b>                                 |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-04-5'-7'</b> | <b>S-12669624-19/06/25-RB-BH25-05-0-2'</b> | <b>S-12669624-19/06/25-RB-BH25-05-2.5-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/19/2025</b>                           | <b>6/19/2025</b>                               |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2516558</b>                           | <b>WT2516558</b>                               |

|                                      |              | <b>Table 2</b>      |          |             |          |
|--------------------------------------|--------------|---------------------|----------|-------------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |          |             |          |
| Silver                               | mg/kg        | 50                  | ND(0.10) | 0.20        | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.138    | 0.143       | 0.133    |
| Uranium                              | mg/kg        | 33                  | 0.723    | 0.512       | 0.514    |
| Vanadium                             | mg/kg        | 86                  | 39.5     | 34.5        | 30.5     |
| Zinc                                 | mg/kg        | 340                 | 66.4     | 73.0        | 57.4     |
| <b>SAR Metals</b>                    |              |                     |          |             |          |
| Calcium (soluble)                    | mg/L         | -                   | 2.55     | 5.82        | 4.47     |
| Magnesium (soluble)                  | mg/L         | -                   | 1.42     | 1.78        | ND(0.50) |
| Sodium (soluble)                     | mg/L         | -                   | 1.83     | 0.69        | 0.83     |
| <b>Pesticides</b>                    |              |                     |          |             |          |
| 2,4'-DDD                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 2,4'-DDE                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 2,4'-DDT                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 4,4'-DDD                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 4,4'-DDE                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 4,4'-DDT                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Aldrin                               | mg/kg        | 0.11                | -        | ND(0.00020) | -        |
| alpha-Chlordane                      | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Chlordane                            | mg/kg        | 0.05                | -        | ND(0.00042) | -        |
| Chlordane, technical                 | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Dieldrin                             | mg/kg        | 0.11                | -        | ND(0.00020) | -        |
| Endosulfan                           | mg/kg        | 0.38                | -        | ND(0.00042) | -        |
| Endosulfan I                         | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Endosulfan II                        | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Endrin                               | mg/kg        | 0.04                | -        | ND(0.00050) | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | ND(0.00020) | -        |
| Heptachlor                           | mg/kg        | 0.19                | -        | ND(0.00020) | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | ND(0.00020) | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | ND(0.00050) | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | ND(0.00050) | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | ND(0.00050) | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | ND(0.00050) | -        |
| Total DDD                            | mg/kg        | 4.6                 | -        | ND(0.00042) | -        |
| Total DDE                            | mg/kg        | 0.65                | -        | ND(0.00042) | -        |
| Total DDT                            | mg/kg        | 1.4                 | -        | ND(0.00042) | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |             |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES         | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)     | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)       | ND(5)    |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                            |                                                |
|-------------------------|-------------------------------------------|--------------------------------------------|------------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-04</b>                            | <b>BH25-05</b>                             | <b>BH25-05</b>                                 |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-04-5'-7'</b> | <b>S-12669624-19/06/25-RB-BH25-05-0-2'</b> | <b>S-12669624-19/06/25-RB-BH25-05-2.5-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/19/2025</b>                           | <b>6/19/2025</b>                               |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2516558</b>                           | <b>WT2516558</b>                               |

| <b>Table 2</b>                              |              |                     |           |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | -         | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | -         | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.133     | 0.144     | 0.124     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 25.1      | 10.9      | 11.9      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.67      | 6.64      | 7.52      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.23      | ND(0.10)  | 0.11      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                           |                                               |
|-------------------------|--------------------------------------------|-------------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-05</b>                             | <b>BH25-06</b>                            | <b>BH25-06</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-BH25-05-5-7'</b> | <b>S-12669624-260625-RB-BH25-06-0'-2'</b> | <b>S-12669624-260625-RB-BH25-06-2.5'-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                           | <b>6/26/2025</b>                          | <b>6/26/2025</b>                              |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                           | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2517131</b>                          | <b>WT2517131</b>                              |

| Parameters | Table 2 |              |
|------------|---------|--------------|
|            | Units   | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-05

BH25-06

BH25-06

S-12669624-19/06/25-RB-BH25-05-5-7' S-12669624-260625-RB-BH25-06-0'-2' S-12669624-260625-RB-BH25-06-2.5'-4.5'

6/19/2025

6/26/2025

6/26/2025

1.52-2.13

0.00-0.61

0.76-1.37

WT2516558

WT2517131

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

-

ND(0.05)

ND(0.05)

2-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

Acenaphthene

mg/kg

29

-

ND(0.050)

ND(0.050)

Acenaphthylene

mg/kg

0.17

-

ND(0.050)

ND(0.050)

Anthracene

mg/kg

0.74

-

ND(0.050)

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

-

ND(0.050)

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Chrysene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

-

ND(0.050)

ND(0.050)

Fluoranthene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Fluorene

mg/kg

69

-

ND(0.050)

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

-

ND(0.050)

ND(0.050)

Naphthalene

mg/kg

28

-

ND(0.010)

ND(0.010)

Phenanthrene

mg/kg

16

-

ND(0.050)

ND(0.050)

Pyrene

mg/kg

96

-

ND(0.050)

ND(0.050)

## Metals

Antimony

mg/kg

50

0.16

0.17

0.12

Arsenic

mg/kg

18

5.44

5.68

3.85

Barium

mg/kg

670

97.8

119

126

Beryllium

mg/kg

10

0.68

0.83

0.62

Boron

mg/kg

120

12.1

15.5

17.6

Boron (hot water soluble)

mg/kg

2

ND(0.10)

ND(0.10)

0.10

Cadmium

mg/kg

1.9

0.120

0.123

0.118

Chromium

mg/kg

160

21.1

24.2

19.2

Chromium VI (hexavalent)

mg/kg

10

0.13

0.22

ND(0.10)

Cobalt

mg/kg

100

11.7

12.6

9.84

Copper

mg/kg

300

25.9

25.7

17.4

Lead

mg/kg

120

10.4

16.3

8.58

Mercury

mg/kg

20

0.0152

0.0211

0.0110

Molybdenum

mg/kg

40

0.50

0.42

0.48

Nickel

mg/kg

340

24.8

28.2

21.2

Selenium

mg/kg

5.5

ND(0.20)

ND(0.20)

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-05

BH25-06

BH25-06

S-12669624-19/06/25-RB-BH25-05-5-7' S-12669624-260625-RB-BH25-06-0'-2' S-12669624-260625-RB-BH25-06-2.5'-4.5'

6/19/2025

6/26/2025

6/26/2025

1.52-2.13

0.00-0.61

0.76-1.37

WT2516558

WT2517131

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

|          |       |     |          |          |          |
|----------|-------|-----|----------|----------|----------|
| Silver   | mg/kg | 50  | ND(0.10) | ND(0.10) | ND(0.10) |
| Thallium | mg/kg | 3.3 | 0.145    | 0.162    | 0.130    |
| Uranium  | mg/kg | 33  | 0.539    | 0.850    | 0.857    |
| Vanadium | mg/kg | 86  | 31.0     | 35.4     | 27.0     |
| Zinc     | mg/kg | 340 | 61.6     | 61.2     | 51.6     |

## SAR Metals

|                     |      |   |      |      |      |
|---------------------|------|---|------|------|------|
| Calcium (soluble)   | mg/L | - | 3.39 | 4.86 | 4.25 |
| Magnesium (soluble) | mg/L | - | 0.60 | 1.41 | 1.78 |
| Sodium (soluble)    | mg/L | - | 0.73 | 4.26 | 4.56 |

## Pesticides

|                      |       |       |   |             |   |
|----------------------|-------|-------|---|-------------|---|
| 2,4'-DDD             | mg/kg | -     | - | ND(0.00030) | - |
| 2,4'-DDE             | mg/kg | -     | - | ND(0.00030) | - |
| 2,4'-DDT             | mg/kg | -     | - | ND(0.00060) | - |
| 4,4'-DDD             | mg/kg | -     | - | ND(0.00030) | - |
| 4,4'-DDE             | mg/kg | -     | - | ND(0.00030) | - |
| 4,4'-DDT             | mg/kg | -     | - | ND(0.00060) | - |
| Aldrin               | mg/kg | 0.11  | - | ND(0.00020) | - |
| alpha-Chlordane      | mg/kg | -     | - | ND(0.00030) | - |
| Chlordane            | mg/kg | 0.05  | - | ND(0.00042) | - |
| Chlordane, technical | mg/kg | -     | - | ND(0.00030) | - |
| Dieldrin             | mg/kg | 0.11  | - | ND(0.00020) | - |
| Endosulfan           | mg/kg | 0.38  | - | ND(0.00042) | - |
| Endosulfan I         | mg/kg | -     | - | ND(0.00030) | - |
| Endosulfan II        | mg/kg | -     | - | ND(0.00030) | - |
| Endrin               | mg/kg | 0.04  | - | ND(0.00050) | - |
| gamma-BHC (lindane)  | mg/kg | 0.063 | - | ND(0.00020) | - |
| Heptachlor           | mg/kg | 0.19  | - | ND(0.00020) | - |
| Heptachlor epoxide   | mg/kg | 0.05  | - | ND(0.00020) | - |
| Hexachlorobenzene    | mg/kg | 0.66  | - | ND(0.00050) | - |
| Hexachlorobutadiene  | mg/kg | 0.095 | - | ND(0.00050) | - |
| Hexachloroethane     | mg/kg | 0.43  | - | ND(0.00050) | - |
| Methoxychlor         | mg/kg | 1.6   | - | ND(0.00100) | - |
| Total DDD            | mg/kg | 4.6   | - | ND(0.00042) | - |
| Total DDE            | mg/kg | 0.65  | - | ND(0.00042) | - |
| Total DDT            | mg/kg | 1.4   | - | ND(0.00085) | - |

## Petroleum Hydrocarbons

|                                      |       |    |         |         |         |
|--------------------------------------|-------|----|---------|---------|---------|
| Chromatogram to baseline at nC50     | none  | -  | YES     | YES     | YES     |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65 | ND(5.0) | ND(5.0) | ND(5.0) |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65 | ND(5)   | ND(5)   | ND(5)   |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-05

BH25-06

BH25-06

S-12669624-19/06/25-RB-BH25-05-5-7' S-12669624-260625-RB-BH25-06-0'-2' S-12669624-260625-RB-BH25-06-2.5'-4.5'

6/19/2025

6/26/2025

6/26/2025

1.52-2.13

0.00-0.61

0.76-1.37

WT2516558

WT2517131

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

Petroleum hydrocarbons F2 (C10-C16)

mg/kg

250

ND(10)

ND(10)

ND(10)

Petroleum hydrocarbons F2 minus Naphthalene

mg/kg

250

-

ND(25)

ND(25)

Petroleum hydrocarbons F3 (C16-C34)

mg/kg

2500

ND(50)

ND(50)

ND(50)

Petroleum hydrocarbons F3 minus PAH

mg/kg

2500

-

ND(50)

ND(50)

Petroleum hydrocarbons F4 (C34-C50)

mg/kg

6600

ND(50)

ND(50)

ND(50)

Total Petroleum Hydrocarbons (C6-C50)

mg/kg

-

ND(80)

ND(80)

ND(80)

## General Chemistry

Acid volatile sulfide

mg/kg

-

-

-

-

Chloride (soluble)

mg/kg

-

-

-

-

Conductivity

mS/cm

1.4

0.115

0.179

0.176

Cyanide, weak acid dissociable

mg/kg

0.051

ND(0.050)

ND(0.050)

ND(0.050)

Moisture

%

-

11.1

14.8

12.2

Oxidation reduction potential (ORP)

millivolts

-

-

-

-

pH, soluble (1:2)

s.u.

(5-11) 5-9

7.65

7.71

7.63

Resistivity

ohm/cm

-

-

-

-

Sodium adsorption ratio (SAR)

none

12

ND(0.10)

0.44

0.47

Sulfate (water soluble)

mg/kg

-

-

-

-

## Footnotes:

1) Analytical results are presented in milligram per kilogram (mg/kg).

2) ND() = Not detected at the associated reporting limit.

3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.

4) Shading and bold text indicates the concentration exceeded the 2011 MECP

Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable

GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.

5) mS/cm = millisiemens per centimetres

6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                           |                                   |
|-------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------|
| <b>Sample Location:</b> | <b>BH25-06</b>                            | <b>BH25-09</b>                            | <b>BH25-09</b>                    |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-06-5'-7'</b> | <b>S-12669624-260625-RB-BH25-09-0'-2'</b> | <b>S-12669624-250625-RB-DUP 7</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                          | <b>6/25/2025</b>                  |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                  |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                          | <b>WT2517131</b>                  |

| Parameters | Units | Table 2      |  |  |  |
|------------|-------|--------------|--|--|--|
|            |       | ICC Med/Fine |  |  |  |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-06

BH25-09

BH25-09

S-12669624-260625-RB-BH25-06-5'-7' S-12669624-260625-RB-BH25-09-0'-2' S-12669624-250625-RB-DUP 7

6/26/2025

6/26/2025

6/25/2025

1.52-2.13

0.00-0.61

0.00-0.61

WT2517131

WT2517131

WT2517131

Duplicate

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

-

ND(0.05)

ND(0.05)

2-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

Acenaphthene

mg/kg

29

-

ND(0.050)

ND(0.050)

Acenaphthylene

mg/kg

0.17

-

ND(0.050)

ND(0.050)

Anthracene

mg/kg

0.74

-

ND(0.050)

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

-

ND(0.050)

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Chrysene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

-

ND(0.050)

ND(0.050)

Fluoranthene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Fluorene

mg/kg

69

-

ND(0.050)

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

-

ND(0.050)

ND(0.050)

Naphthalene

mg/kg

28

-

ND(0.010)

ND(0.010)

Phenanthrene

mg/kg

16

-

ND(0.050)

ND(0.050)

Pyrene

mg/kg

96

-

ND(0.050)

ND(0.050)

## Metals

Antimony

mg/kg

50

0.32

0.17

0.18

Arsenic

mg/kg

18

5.24

4.02

5.99

Barium

mg/kg

670

167

97.2

148

Beryllium

mg/kg

10

0.76

0.77

0.96

Boron

mg/kg

120

28.2

7.8

11.2

Boron (hot water soluble)

mg/kg

2

0.39

0.22

ND(0.10)

Cadmium

mg/kg

1.9

0.072

0.197

0.168

Chromium

mg/kg

160

21.4

24.4

28.0

Chromium VI (hexavalent)

mg/kg

10

ND(0.10)

ND(0.10)

0.14

Cobalt

mg/kg

100

13.0

8.36

11.3

Copper

mg/kg

300

7.34

17.1

29.4

Lead

mg/kg

120

11.4

14.9

14.5

Mercury

mg/kg

20

ND(0.0050)

0.0398

0.0354

Molybdenum

mg/kg

40

0.84

0.51

0.45

Nickel

mg/kg

340

26.0

18.5

27.3

Selenium

mg/kg

5.5

ND(0.20)

0.29

ND(0.20)



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-06

S-12669624-260625-RB-BH25-06-5'-7' S-12669624-260625-RB-BH25-09-0'-2' S-12669624-250625-RB-DUP 7

6/26/2025

6/26/2025

6/25/2025

1.52-2.13

0.00-0.61

0.00-0.61

WT2517131

WT2517131

WT2517131

Duplicate

Table 2

## Parameters

Units

ICC Med/Fine

|          |       |     |          |       |          |
|----------|-------|-----|----------|-------|----------|
| Silver   | mg/kg | 50  | ND(0.10) | 0.13  | ND(0.10) |
| Thallium | mg/kg | 3.3 | 0.109    | 0.168 | 0.179    |
| Uranium  | mg/kg | 33  | 0.572    | 0.917 | 0.754    |
| Vanadium | mg/kg | 86  | 29.9     | 35.5  | 41.4     |
| Zinc     | mg/kg | 340 | 55.1     | 68.5  | 73.9     |

## SAR Metals

|                     |      |   |      |      |      |
|---------------------|------|---|------|------|------|
| Calcium (soluble)   | mg/L | - | 2.47 | 9.33 | 8.65 |
| Magnesium (soluble) | mg/L | - | 0.92 | 2.37 | 0.63 |
| Sodium (soluble)    | mg/L | - | 1.88 | 1.49 | 1.59 |

## Pesticides

|                      |       |       |   |             |             |
|----------------------|-------|-------|---|-------------|-------------|
| 2,4'-DDD             | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| 2,4'-DDE             | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| 2,4'-DDT             | mg/kg | -     | - | ND(0.00060) | ND(0.00060) |
| 4,4'-DDD             | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| 4,4'-DDE             | mg/kg | -     | - | ND(0.00030) | 0.00037     |
| 4,4'-DDT             | mg/kg | -     | - | ND(0.00060) | ND(0.00060) |
| Aldrin               | mg/kg | 0.11  | - | ND(0.00020) | ND(0.00020) |
| alpha-Chlordane      | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| Chlordane            | mg/kg | 0.05  | - | ND(0.00042) | ND(0.00042) |
| Chlordane, technical | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| Dieldrin             | mg/kg | 0.11  | - | ND(0.00020) | ND(0.00020) |
| Endosulfan           | mg/kg | 0.38  | - | ND(0.00042) | ND(0.00042) |
| Endosulfan I         | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| Endosulfan II        | mg/kg | -     | - | ND(0.00030) | ND(0.00030) |
| Endrin               | mg/kg | 0.04  | - | ND(0.00050) | ND(0.00050) |
| gamma-BHC (lindane)  | mg/kg | 0.063 | - | ND(0.00020) | ND(0.00020) |
| Heptachlor           | mg/kg | 0.19  | - | ND(0.00020) | ND(0.00020) |
| Heptachlor epoxide   | mg/kg | 0.05  | - | ND(0.00020) | ND(0.00020) |
| Hexachlorobenzene    | mg/kg | 0.66  | - | ND(0.00050) | ND(0.00050) |
| Hexachlorobutadiene  | mg/kg | 0.095 | - | ND(0.00050) | ND(0.00050) |
| Hexachloroethane     | mg/kg | 0.43  | - | ND(0.00050) | ND(0.00050) |
| Methoxychlor         | mg/kg | 1.6   | - | ND(0.00100) | ND(0.00100) |
| Total DDD            | mg/kg | 4.6   | - | ND(0.00042) | ND(0.00042) |
| Total DDE            | mg/kg | 0.65  | - | ND(0.00042) | ND(0.00042) |
| Total DDT            | mg/kg | 1.4   | - | ND(0.00085) | ND(0.00085) |

## Petroleum Hydrocarbons

|                                      |       |    |         |         |         |
|--------------------------------------|-------|----|---------|---------|---------|
| Chromatogram to baseline at nC50     | none  | -  | YES     | YES     | YES     |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65 | ND(5.0) | ND(5.0) | ND(5.0) |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65 | ND(5)   | ND(5)   | ND(5)   |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                           |                                   |
|-------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------|
| <b>Sample Location:</b> | <b>BH25-06</b>                            | <b>BH25-09</b>                            | <b>BH25-09</b>                    |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-06-5'-7'</b> | <b>S-12669624-260625-RB-BH25-09-0'-2'</b> | <b>S-12669624-250625-RB-DUP 7</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                          | <b>6/26/2025</b>                          | <b>6/25/2025</b>                  |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                  |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                          | <b>WT2517131</b>                  |

| Table 2                                     |            |              |           |           |           |
|---------------------------------------------|------------|--------------|-----------|-----------|-----------|
| Parameters                                  | Units      | ICC Med/Fine |           |           | Duplicate |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | -         | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | -         | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |            |              |           |           |           |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -         | -         |
| Chloride (soluble)                          | mg/kg      | -            | -         | -         | -         |
| Conductivity                                | mS/cm      | 1.4          | 0.127     | 0.176     | 0.186     |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %          | -            | 7.76      | 16.0      | 16.2      |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.77      | 7.18      | 7.23      |
| Resistivity                                 | ohm/cm     | -            | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none       | 12           | 0.26      | 0.11      | 0.14      |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-09</b>                                | <b>BH25-09</b>                            | <b>BH25-10</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-09-2.5'-4.5'</b> | <b>S-12669624-260625-RB-BH25-09-5'-7'</b> | <b>S-12669624-250625-RB-BH25-10-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                              | <b>6/26/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                          | <b>WT2517131</b>                          |

|                                                      | Table 2 |              |
|------------------------------------------------------|---------|--------------|
| Parameters                                           | Units   | ICC Med/Fine |
| Volatiles                                            |         |              |
| 1,1,1,2-Tetrachloroethane                            | mg/kg   | 0.11         |
| 1,1,1-Trichloroethane                                | mg/kg   | 12           |
| 1,1,2,2-Tetrachloroethane                            | mg/kg   | 0.094        |
| 1,1,2-Trichloroethane                                | mg/kg   | 0.11         |
| 1,1-Dichloroethane                                   | mg/kg   | 0.6          |
| 1,1-Dichloroethene                                   | mg/kg   | 0.48         |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg   | 0.05         |
| 1,2-Dichlorobenzene                                  | mg/kg   | 1.7          |
| 1,2-Dichloroethane                                   | mg/kg   | 0.05         |
| 1,2-Dichloropropane                                  | mg/kg   | 0.68         |
| 1,3-Dichlorobenzene                                  | mg/kg   | 12           |
| 1,4-Dichlorobenzene                                  | mg/kg   | 0.57         |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg   | 88           |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg   | 210          |
| Acetone                                              | mg/kg   | 28           |
| Benzene                                              | mg/kg   | 0.4          |
| Bromodichloromethane                                 | mg/kg   | 1.9          |
| Bromoform                                            | mg/kg   | 1.7          |
| Bromomethane (Methyl bromide)                        | mg/kg   | 0.05         |
| Carbon tetrachloride                                 | mg/kg   | 0.71         |
| Chlorobenzene                                        | mg/kg   | 2.7          |
| Chloroform (Trichloromethane)                        | mg/kg   | 0.18         |
| cis-1,2-Dichloroethene                               | mg/kg   | 2.5          |
| cis-1,3-Dichloropropene                              | mg/kg   | -            |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg   | 0.081        |
| Dibromochloromethane                                 | mg/kg   | 2.9          |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg   | 25           |
| Ethylbenzene                                         | mg/kg   | 1.6          |
| Hexane                                               | mg/kg   | 88           |
| m&p-Xylenes                                          | mg/kg   | -            |
| Methyl tert butyl ether (MTBE)                       | mg/kg   | 2.3          |
| Methylene chloride                                   | mg/kg   | 2            |
| o-Xylene                                             | mg/kg   | -            |
| Styrene                                              | mg/kg   | 43           |
| Tetrachloroethene                                    | mg/kg   | 2.5          |
| Toluene                                              | mg/kg   | 9            |
| Total BTEX                                           | mg/kg   | -            |
| trans-1,2-Dichloroethene                             | mg/kg   | 2.5          |
| trans-1,3-Dichloropropene                            | mg/kg   | -            |
| Trichloroethene                                      | mg/kg   | 0.61         |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-09

S-12669624-260625-RB-BH25-09-2.5'-4.5'

6/26/2025

0.76-1.37

WT2517131

BH25-09

S-12669624-260625-RB-BH25-09-5'-7'

6/26/2025

1.52-2.13

WT2517131

BH25-10

S-12669624-250625-RB-BH25-10-0'-2'

6/25/2025

0.00-0.61

WT2517131

| Parameters                      | Units | Table 2<br>ICC Med/Fine |
|---------------------------------|-------|-------------------------|
| Trichlorofluoromethane (CFC-11) | mg/kg | 5.8                     |
| Vinyl chloride                  | mg/kg | 0.25                    |
| Xylenes (total)                 | mg/kg | 30                      |

## PAHs

|                                           |       |      |           |   |           |
|-------------------------------------------|-------|------|-----------|---|-----------|
| 1-Methylnaphthalene                       | mg/kg | 42   | ND(0.030) | - | ND(0.030) |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42   | ND(0.05)  | - | ND(0.05)  |
| 2-Methylnaphthalene                       | mg/kg | 42   | ND(0.030) | - | ND(0.030) |
| Acenaphthene                              | mg/kg | 29   | ND(0.050) | - | ND(0.050) |
| Acenaphthylene                            | mg/kg | 0.17 | ND(0.050) | - | ND(0.050) |
| Anthracene                                | mg/kg | 0.74 | ND(0.050) | - | ND(0.050) |
| Benzo(a)anthracene                        | mg/kg | 0.96 | ND(0.050) | - | ND(0.050) |
| Benzo(a)pyrene                            | mg/kg | 0.3  | ND(0.050) | - | ND(0.050) |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96 | ND(0.050) | - | ND(0.050) |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6  | ND(0.050) | - | ND(0.050) |
| Benzo(k)fluoranthene                      | mg/kg | 0.96 | ND(0.050) | - | ND(0.050) |
| Chrysene                                  | mg/kg | 9.6  | ND(0.050) | - | ND(0.050) |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1  | ND(0.050) | - | ND(0.050) |
| Fluoranthene                              | mg/kg | 9.6  | ND(0.050) | - | ND(0.050) |
| Fluorene                                  | mg/kg | 69   | ND(0.050) | - | ND(0.050) |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95 | ND(0.050) | - | ND(0.050) |
| Naphthalene                               | mg/kg | 28   | ND(0.010) | - | ND(0.010) |
| Phenanthrene                              | mg/kg | 16   | ND(0.050) | - | ND(0.050) |
| Pyrene                                    | mg/kg | 96   | ND(0.050) | - | ND(0.050) |

## Metals

|                           |       |     |          |            |          |
|---------------------------|-------|-----|----------|------------|----------|
| Antimony                  | mg/kg | 50  | 0.24     | 0.38       | 0.18     |
| Arsenic                   | mg/kg | 18  | 4.90     | 5.01       | 5.57     |
| Barium                    | mg/kg | 670 | 158      | 133        | 91.5     |
| Beryllium                 | mg/kg | 10  | 0.75     | 0.98       | 0.79     |
| Boron                     | mg/kg | 120 | 22.7     | 37.4       | 12.0     |
| Boron (hot water soluble) | mg/kg | 2   | 0.10     | 0.22       | ND(0.10) |
| Cadmium                   | mg/kg | 1.9 | 0.101    | 0.076      | 0.132    |
| Chromium                  | mg/kg | 160 | 21.6     | 24.1       | 24.2     |
| Chromium VI (hexavalent)  | mg/kg | 10  | 0.12     | ND(0.10)   | 0.28     |
| Cobalt                    | mg/kg | 100 | 11.4     | 13.7       | 12.5     |
| Copper                    | mg/kg | 300 | 15.1     | 8.37       | 27.8     |
| Lead                      | mg/kg | 120 | 13.1     | 13.3       | 13.2     |
| Mercury                   | mg/kg | 20  | 0.0060   | ND(0.0050) | 0.0229   |
| Molybdenum                | mg/kg | 40  | 0.76     | 0.94       | 0.33     |
| Nickel                    | mg/kg | 340 | 24.4     | 27.6       | 26.6     |
| Selenium                  | mg/kg | 5.5 | ND(0.20) | ND(0.20)   | ND(0.20) |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-09</b>                                | <b>BH25-09</b>                            | <b>BH25-10</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-09-2.5'-4.5'</b> | <b>S-12669624-260625-RB-BH25-09-5'-7'</b> | <b>S-12669624-250625-RB-BH25-10-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                              | <b>6/26/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                          | <b>WT2517131</b>                          |

|                                      |              | <b>Table 2</b>      |          |          |             |
|--------------------------------------|--------------|---------------------|----------|----------|-------------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |          |          |             |
| Silver                               | mg/kg        | 50                  | ND(0.10) | ND(0.10) | ND(0.10)    |
| Thallium                             | mg/kg        | 3.3                 | 0.106    | 0.120    | 0.168       |
| Uranium                              | mg/kg        | 33                  | 0.693    | 0.592    | 0.558       |
| Vanadium                             | mg/kg        | 86                  | 31.8     | 33.6     | 33.9        |
| Zinc                                 | mg/kg        | 340                 | 53.7     | 60.4     | 62.4        |
| <b>SAR Metals</b>                    |              |                     |          |          |             |
| Calcium (soluble)                    | mg/L         | -                   | 3.76     | 2.80     | 4.73        |
| Magnesium (soluble)                  | mg/L         | -                   | 0.60     | 0.86     | ND(0.50)    |
| Sodium (soluble)                     | mg/L         | -                   | 0.89     | 0.81     | 0.79        |
| <b>Pesticides</b>                    |              |                     |          |          |             |
| 2,4'-DDD                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 2,4'-DDE                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 2,4'-DDT                             | mg/kg        | -                   | -        | -        | ND(0.00060) |
| 4,4'-DDD                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 4,4'-DDE                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 4,4'-DDT                             | mg/kg        | -                   | -        | -        | ND(0.00060) |
| Aldrin                               | mg/kg        | 0.11                | -        | -        | ND(0.00020) |
| alpha-Chlordane                      | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Chlordane                            | mg/kg        | 0.05                | -        | -        | ND(0.00042) |
| Chlordane, technical                 | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Dieldrin                             | mg/kg        | 0.11                | -        | -        | ND(0.00020) |
| Endosulfan                           | mg/kg        | 0.38                | -        | -        | ND(0.00042) |
| Endosulfan I                         | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Endosulfan II                        | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Endrin                               | mg/kg        | 0.04                | -        | -        | ND(0.00050) |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | -        | ND(0.00020) |
| Heptachlor                           | mg/kg        | 0.19                | -        | -        | ND(0.00020) |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | -        | ND(0.00020) |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | -        | ND(0.00050) |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | -        | ND(0.00050) |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | -        | ND(0.00050) |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | -        | ND(0.00100) |
| Total DDD                            | mg/kg        | 4.6                 | -        | -        | ND(0.00042) |
| Total DDE                            | mg/kg        | 0.65                | -        | -        | ND(0.00042) |
| Total DDT                            | mg/kg        | 1.4                 | -        | -        | ND(0.00085) |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |          |             |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES      | YES         |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)  | ND(5.0)     |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)    | ND(5)       |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-09</b>                                | <b>BH25-09</b>                            | <b>BH25-10</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-260625-RB-BH25-09-2.5'-4.5'</b> | <b>S-12669624-260625-RB-BH25-09-5'-7'</b> | <b>S-12669624-250625-RB-BH25-10-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/26/2025</b>                              | <b>6/26/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                          | <b>WT2517131</b>                          |

|                                             |              | <b>Table 2</b>      |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.126     | 0.117     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 10.5      | 8.94      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.64      | 7.86      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.11      | 0.11      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-10</b>                                | <b>BH25-10</b>                            | <b>BH25-12</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-10-2.5'-4.5'</b> | <b>S-12669624-250625-RB-BH25-10-5'-7'</b> | <b>S-12669624-250625-RB-BH25-12-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                          | <b>WT2517131</b>                          |

| Parameters | Table 2 |              |
|------------|---------|--------------|
|            | Units   | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-10

S-12669624-250625-RB-BH25-10-2.5'-4.5'

6/25/2025

0.76-1.37

WT2517131

BH25-10

S-12669624-250625-RB-BH25-10-5'-7'

6/25/2025

1.52-2.13

WT2517131

BH25-12

S-12669624-250625-RB-BH25-12-0'-2'

6/25/2025

0.00-0.61

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

ND(0.030)

-

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

ND(0.05)

-

ND(0.05)

2-Methylnaphthalene

mg/kg

42

ND(0.030)

-

ND(0.030)

Acenaphthene

mg/kg

29

ND(0.050)

-

ND(0.050)

Acenaphthylene

mg/kg

0.17

ND(0.050)

-

ND(0.050)

Anthracene

mg/kg

0.74

ND(0.050)

-

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

ND(0.050)

-

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

ND(0.050)

-

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

ND(0.050)

-

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

ND(0.050)

-

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

ND(0.050)

-

ND(0.050)

Chrysene

mg/kg

9.6

ND(0.050)

-

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

ND(0.050)

-

ND(0.050)

Fluoranthene

mg/kg

9.6

ND(0.050)

-

ND(0.050)

Fluorene

mg/kg

69

ND(0.050)

-

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

ND(0.050)

-

ND(0.050)

Naphthalene

mg/kg

28

ND(0.010)

-

ND(0.010)

Phenanthrene

mg/kg

16

ND(0.050)

-

ND(0.050)

Pyrene

mg/kg

96

ND(0.050)

-

ND(0.050)

## Metals

Antimony

mg/kg

50

0.13

0.18

0.18

Arsenic

mg/kg

18

4.80

6.61

5.35

Barium

mg/kg

670

88.6

134

108

Beryllium

mg/kg

10

0.66

0.79

0.81

Boron

mg/kg

120

11.7

12.1

12.2

Boron (hot water soluble)

mg/kg

2

ND(0.10)

ND(0.10)

0.16

Cadmium

mg/kg

1.9

0.124

0.108

0.176

Chromium

mg/kg

160

20.9

23.7

24.7

Chromium VI (hexavalent)

mg/kg

10

0.12

ND(0.10)

0.31

Cobalt

mg/kg

100

10.6

16.0

11.5

Copper

mg/kg

300

23.8

35.0

23.0

Lead

mg/kg

120

10.2

14.5

13.9

Mercury

mg/kg

20

0.0148

0.0168

0.0232

Molybdenum

mg/kg

40

0.35

0.60

0.54

Nickel

mg/kg

340

23.0

32.5

24.6

Selenium

mg/kg

5.5

ND(0.20)

ND(0.20)

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-10</b>                                | <b>BH25-10</b>                            | <b>BH25-12</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-10-2.5'-4.5'</b> | <b>S-12669624-250625-RB-BH25-10-5'-7'</b> | <b>S-12669624-250625-RB-BH25-12-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                          | <b>WT2517131</b>                          |

|                                      |              | <b>Table 2</b>      |          |          |             |
|--------------------------------------|--------------|---------------------|----------|----------|-------------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |          |          |             |
| Silver                               | mg/kg        | 50                  | ND(0.10) | ND(0.10) | ND(0.10)    |
| Thallium                             | mg/kg        | 3.3                 | 0.148    | 0.178    | 0.163       |
| Uranium                              | mg/kg        | 33                  | 0.558    | 0.633    | 0.653       |
| Vanadium                             | mg/kg        | 86                  | 30.1     | 32.3     | 36.0        |
| Zinc                                 | mg/kg        | 340                 | 55.9     | 72.0     | 75.7        |
| <b>SAR Metals</b>                    |              |                     |          |          |             |
| Calcium (soluble)                    | mg/L         | -                   | 3.85     | 3.93     | 13.4        |
| Magnesium (soluble)                  | mg/L         | -                   | ND(0.50) | 0.72     | 1.60        |
| Sodium (soluble)                     | mg/L         | -                   | 0.72     | 0.86     | 18.9        |
| <b>Pesticides</b>                    |              |                     |          |          |             |
| 2,4'-DDD                             | mg/kg        | -                   | -        | -        | ND(0.00196) |
| 2,4'-DDE                             | mg/kg        | -                   | -        | -        | ND(0.00196) |
| 2,4'-DDT                             | mg/kg        | -                   | -        | -        | ND(0.00300) |
| 4,4'-DDD                             | mg/kg        | -                   | -        | -        | ND(0.00196) |
| 4,4'-DDE                             | mg/kg        | -                   | -        | -        | ND(0.00196) |
| 4,4'-DDT                             | mg/kg        | -                   | -        | -        | ND(0.00300) |
| Aldrin                               | mg/kg        | 0.11                | -        | -        | ND(0.00196) |
| alpha-Chlordane                      | mg/kg        | -                   | -        | -        | ND(0.00196) |
| Chlordane                            | mg/kg        | 0.05                | -        | -        | ND(0.00277) |
| Chlordane, technical                 | mg/kg        | -                   | -        | -        | ND(0.00196) |
| Dieldrin                             | mg/kg        | 0.11                | -        | -        | ND(0.00196) |
| Endosulfan                           | mg/kg        | 0.38                | -        | -        | ND(0.00277) |
| Endosulfan I                         | mg/kg        | -                   | -        | -        | ND(0.00196) |
| Endosulfan II                        | mg/kg        | -                   | -        | -        | ND(0.00196) |
| Endrin                               | mg/kg        | 0.04                | -        | -        | ND(0.00196) |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | -        | ND(0.00196) |
| Heptachlor                           | mg/kg        | 0.19                | -        | -        | ND(0.00196) |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | -        | ND(0.00196) |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | -        | ND(0.00196) |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | -        | ND(0.00196) |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | -        | ND(0.00196) |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | -        | ND(0.00500) |
| Total DDD                            | mg/kg        | 4.6                 | -        | -        | ND(0.00277) |
| Total DDE                            | mg/kg        | 0.65                | -        | -        | ND(0.00277) |
| Total DDT                            | mg/kg        | 1.4                 | -        | -        | ND(0.00424) |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |          |             |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES      | YES         |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)  | ND(5.0)     |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)    | ND(5)       |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-10</b>                                | <b>BH25-10</b>                            | <b>BH25-12</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-10-2.5'-4.5'</b> | <b>S-12669624-250625-RB-BH25-10-5'-7'</b> | <b>S-12669624-250625-RB-BH25-12-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                          | <b>WT2517131</b>                          |

|                                             |              | <b>Table 2</b>      |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.122     | 0.138     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 11.4      | 12.0      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.65      | 7.63      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.10      | 0.10      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                   |                                               |
|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-12</b>                                | <b>BH25-12</b>                    | <b>BH25-12</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-12-2.5'-4.5'</b> | <b>S-12669624-250625-RB-DUP 6</b> | <b>S-12669624-250625-RB-BH25-12-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                  | <b>6/25/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>0.76-1.37</b>                  | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                  | <b>WT2517131</b>                              |

| Parameters | Units | Table 2      |
|------------|-------|--------------|
|            |       | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

|                                           |       |                         | BH25-12                                | BH25-12                    | BH25-12                                |
|-------------------------------------------|-------|-------------------------|----------------------------------------|----------------------------|----------------------------------------|
|                                           |       |                         | S-12669624-250625-RB-BH25-12-2.5'-4.5' | S-12669624-250625-RB-DUP 6 | S-12669624-250625-RB-BH25-12-7.5'-9.5' |
|                                           |       |                         | 6/25/2025                              | 6/25/2025                  | 6/25/2025                              |
|                                           |       |                         | 0.76-1.37                              | 0.76-1.37                  | 2.29-2.90                              |
|                                           |       |                         | WT2517131                              | WT2517131                  | WT2517131                              |
|                                           |       |                         |                                        | Duplicate                  |                                        |
| Parameters                                | Units | Table 2<br>ICC Med/Fine |                                        |                            |                                        |
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8                     | ND(0.050)                              | ND(0.050)                  | ND(0.050)                              |
| Vinyl chloride                            | mg/kg | 0.25                    | ND(0.020)                              | ND(0.020)                  | ND(0.020)                              |
| Xylenes (total)                           | mg/kg | 30                      | ND(0.05)                               | ND(0.05)                   | ND(0.05)                               |
| <b>PAHs</b>                               |       |                         |                                        |                            |                                        |
| 1-Methylnaphthalene                       | mg/kg | 42                      | ND(0.030)                              | ND(0.030)                  | -                                      |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42                      | ND(0.05)                               | ND(0.05)                   | -                                      |
| 2-Methylnaphthalene                       | mg/kg | 42                      | ND(0.030)                              | ND(0.030)                  | -                                      |
| Acenaphthene                              | mg/kg | 29                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| Acenaphthylene                            | mg/kg | 0.17                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Anthracene                                | mg/kg | 0.74                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(a)anthracene                        | mg/kg | 0.96                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(a)pyrene                            | mg/kg | 0.3                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(k)fluoranthene                      | mg/kg | 0.96                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Chrysene                                  | mg/kg | 9.6                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Fluoranthene                              | mg/kg | 9.6                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Fluorene                                  | mg/kg | 69                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Naphthalene                               | mg/kg | 28                      | ND(0.010)                              | ND(0.010)                  | -                                      |
| Phenanthrene                              | mg/kg | 16                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| Pyrene                                    | mg/kg | 96                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| <b>Metals</b>                             |       |                         |                                        |                            |                                        |
| Antimony                                  | mg/kg | 50                      | 0.18                                   | 0.15                       | 0.19                                   |
| Arsenic                                   | mg/kg | 18                      | 4.40                                   | 4.75                       | 6.49                                   |
| Barium                                    | mg/kg | 670                     | 83.7                                   | 97.4                       | 127                                    |
| Beryllium                                 | mg/kg | 10                      | 0.70                                   | 0.67                       | 0.83                                   |
| Boron                                     | mg/kg | 120                     | 7.7                                    | 10.5                       | 16.9                                   |
| Boron (hot water soluble)                 | mg/kg | 2                       | 0.18                                   | 0.11                       | 0.18                                   |
| Cadmium                                   | mg/kg | 1.9                     | 0.212                                  | 0.182                      | 0.098                                  |
| Chromium                                  | mg/kg | 160                     | 24.1                                   | 22.2                       | 24.7                                   |
| Chromium VI (hexavalent)                  | mg/kg | 10                      | ND(0.10)                               | 0.26                       | ND(0.10)                               |
| Cobalt                                    | mg/kg | 100                     | 11.4                                   | 11.6                       | 15.2                                   |
| Copper                                    | mg/kg | 300                     | 18.1                                   | 20.4                       | 38.3                                   |
| Lead                                      | mg/kg | 120                     | 18.4                                   | 17.6                       | 15.6                                   |
| Mercury                                   | mg/kg | 20                      | 0.0457                                 | 0.0191                     | 0.0138                                 |
| Molybdenum                                | mg/kg | 40                      | 0.56                                   | 0.52                       | 0.52                                   |
| Nickel                                    | mg/kg | 340                     | 19.8                                   | 22.8                       | 30.4                                   |
| Selenium                                  | mg/kg | 5.5                     | 0.35                                   | ND(0.20)                   | ND(0.20)                               |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-12

S-12669624-250625-RB-BH25-12-2.5'-4.5'

6/25/2025

0.76-1.37

WT2517131

BH25-12

S-12669624-250625-RB-DUP 6

6/25/2025

0.76-1.37

WT2517131

BH25-12

S-12669624-250625-RB-BH25-12-7.5'-9.5'

6/25/2025

2.29-2.90

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

|          |       |     |       |          |          |
|----------|-------|-----|-------|----------|----------|
| Silver   | mg/kg | 50  | 0.16  | ND(0.10) | ND(0.10) |
| Thallium | mg/kg | 3.3 | 0.154 | 0.150    | 0.147    |
| Uranium  | mg/kg | 33  | 0.672 | 0.663    | 1.03     |
| Vanadium | mg/kg | 86  | 35.0  | 32.5     | 34.8     |
| Zinc     | mg/kg | 340 | 74.6  | 87.6     | 69.2     |

## SAR Metals

|                     |      |   |      |      |      |
|---------------------|------|---|------|------|------|
| Calcium (soluble)   | mg/L | - | 21.5 | 17.8 | 2.58 |
| Magnesium (soluble) | mg/L | - | 3.15 | 2.66 | 2.89 |
| Sodium (soluble)    | mg/L | - | 20.4 | 18.9 | 5.97 |

## Pesticides

|                      |       |       |   |   |   |
|----------------------|-------|-------|---|---|---|
| 2,4'-DDD             | mg/kg | -     | - | - | - |
| 2,4'-DDE             | mg/kg | -     | - | - | - |
| 2,4'-DDT             | mg/kg | -     | - | - | - |
| 4,4'-DDD             | mg/kg | -     | - | - | - |
| 4,4'-DDE             | mg/kg | -     | - | - | - |
| 4,4'-DDT             | mg/kg | -     | - | - | - |
| Aldrin               | mg/kg | 0.11  | - | - | - |
| alpha-Chlordane      | mg/kg | -     | - | - | - |
| Chlordane            | mg/kg | 0.05  | - | - | - |
| Chlordane, technical | mg/kg | -     | - | - | - |
| Dieldrin             | mg/kg | 0.11  | - | - | - |
| Endosulfan           | mg/kg | 0.38  | - | - | - |
| Endosulfan I         | mg/kg | -     | - | - | - |
| Endosulfan II        | mg/kg | -     | - | - | - |
| Endrin               | mg/kg | 0.04  | - | - | - |
| gamma-BHC (lindane)  | mg/kg | 0.063 | - | - | - |
| Heptachlor           | mg/kg | 0.19  | - | - | - |
| Heptachlor epoxide   | mg/kg | 0.05  | - | - | - |
| Hexachlorobenzene    | mg/kg | 0.66  | - | - | - |
| Hexachlorobutadiene  | mg/kg | 0.095 | - | - | - |
| Hexachloroethane     | mg/kg | 0.43  | - | - | - |
| Methoxychlor         | mg/kg | 1.6   | - | - | - |
| Total DDD            | mg/kg | 4.6   | - | - | - |
| Total DDE            | mg/kg | 0.65  | - | - | - |
| Total DDT            | mg/kg | 1.4   | - | - | - |

## Petroleum Hydrocarbons

|                                      |       |    |         |         |         |
|--------------------------------------|-------|----|---------|---------|---------|
| Chromatogram to baseline at nC50     | none  | -  | YES     | YES     | YES     |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65 | ND(5.0) | ND(5.0) | ND(5.0) |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65 | ND(5)   | ND(5)   | ND(5)   |



Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                   |                                               |
|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-12</b>                                | <b>BH25-12</b>                    | <b>BH25-12</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-12-2.5'-4.5'</b> | <b>S-12669624-250625-RB-DUP 6</b> | <b>S-12669624-250625-RB-BH25-12-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                  | <b>6/25/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>0.76-1.37</b>                  | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                  | <b>WT2517131</b>                              |

|                                             |            | Table 2      |           |           |           |
|---------------------------------------------|------------|--------------|-----------|-----------|-----------|
| Parameters                                  | Units      | ICC Med/Fine |           | Duplicate |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | ND(25)    | ND(25)    | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | ND(50)    | ND(50)    | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |            |              |           |           |           |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -         | -         |
| Chloride (soluble)                          | mg/kg      | -            | -         | -         | -         |
| Conductivity                                | mS/cm      | 1.4          | 0.360     | 0.343     | 0.191     |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %          | -            | 16.3      | 15.1      | 10.7      |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.18      | 7.47      | 7.67      |
| Resistivity                                 | ohm/cm     | -            | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none       | 12           | 1.09      | 1.10      | 0.61      |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                           |
|-------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                            | <b>BH25-13</b>                                | <b>BH25-13</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-0'-2'</b> | <b>S-12669624-250625-RB-BH25-13-2.5'-4.5'</b> | <b>S-12669624-250625-RB-BH25-13-5'-7'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                          | <b>6/25/2025</b>                              | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                          |

| Parameters | Units | Table 2      |
|------------|-------|--------------|
|            |       | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |   |
|------------------------------------------------------|-------|-------|------------|------------|---|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | - |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | - |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | - |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | - |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | - |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | - |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | - |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | - |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | - |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | - |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | - |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | - |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | - |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | - |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | - |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | - |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | - |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | - |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | - |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | - |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | - |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | - |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | - |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | - |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | - |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | - |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | - |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | - |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | - |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | - |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | - |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | - |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | - |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | - |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | - |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | - |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | - |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | - |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | - |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | - |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-13

S-12669624-250625-RB-BH25-13-0'-2'

6/25/2025

0.00-0.61

WT2517131

BH25-13

S-12669624-250625-RB-BH25-13-2.5'-4.5'

6/25/2025

0.76-1.37

WT2517131

BH25-13

S-12669624-250625-RB-BH25-13-5'-7'

6/25/2025

1.52-2.13

WT2517131

| Parameters                      | Units | Table 2<br>ICC Med/Fine |
|---------------------------------|-------|-------------------------|
| Trichlorofluoromethane (CFC-11) | mg/kg | 5.8                     |
| Vinyl chloride                  | mg/kg | 0.25                    |
| Xylenes (total)                 | mg/kg | 30                      |

## PAHs

|                                           |       |      |           |           |   |
|-------------------------------------------|-------|------|-----------|-----------|---|
| 1-Methylnaphthalene                       | mg/kg | 42   | ND(0.030) | ND(0.030) | - |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42   | ND(0.05)  | ND(0.05)  | - |
| 2-Methylnaphthalene                       | mg/kg | 42   | ND(0.030) | ND(0.030) | - |
| Acenaphthene                              | mg/kg | 29   | ND(0.050) | ND(0.050) | - |
| Acenaphthylene                            | mg/kg | 0.17 | ND(0.050) | ND(0.050) | - |
| Anthracene                                | mg/kg | 0.74 | ND(0.050) | ND(0.050) | - |
| Benzo(a)anthracene                        | mg/kg | 0.96 | ND(0.050) | ND(0.050) | - |
| Benzo(a)pyrene                            | mg/kg | 0.3  | ND(0.050) | ND(0.050) | - |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96 | ND(0.050) | ND(0.050) | - |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6  | ND(0.050) | ND(0.050) | - |
| Benzo(k)fluoranthene                      | mg/kg | 0.96 | ND(0.050) | ND(0.050) | - |
| Chrysene                                  | mg/kg | 9.6  | ND(0.050) | ND(0.050) | - |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1  | ND(0.050) | ND(0.050) | - |
| Fluoranthene                              | mg/kg | 9.6  | ND(0.050) | ND(0.050) | - |
| Fluorene                                  | mg/kg | 69   | ND(0.050) | ND(0.050) | - |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95 | ND(0.050) | ND(0.050) | - |
| Naphthalene                               | mg/kg | 28   | ND(0.010) | ND(0.010) | - |
| Phenanthrene                              | mg/kg | 16   | ND(0.050) | ND(0.050) | - |
| Pyrene                                    | mg/kg | 96   | ND(0.050) | ND(0.050) | - |

## Metals

|                           |       |     |        |          |   |
|---------------------------|-------|-----|--------|----------|---|
| Antimony                  | mg/kg | 50  | 0.14   | 0.18     | - |
| Arsenic                   | mg/kg | 18  | 4.16   | 5.42     | - |
| Barium                    | mg/kg | 670 | 144    | 127      | - |
| Beryllium                 | mg/kg | 10  | 0.97   | 0.82     | - |
| Boron                     | mg/kg | 120 | 9.4    | 13.3     | - |
| Boron (hot water soluble) | mg/kg | 2   | 0.48   | ND(0.10) | - |
| Cadmium                   | mg/kg | 1.9 | 0.272  | 0.077    | - |
| Chromium                  | mg/kg | 160 | 29.5   | 24.5     | - |
| Chromium VI (hexavalent)  | mg/kg | 10  | 0.19   | ND(0.10) | - |
| Cobalt                    | mg/kg | 100 | 10.9   | 14.2     | - |
| Copper                    | mg/kg | 300 | 24.8   | 29.6     | - |
| Lead                      | mg/kg | 120 | 15.2   | 16.5     | - |
| Mercury                   | mg/kg | 20  | 0.0407 | 0.0134   | - |
| Molybdenum                | mg/kg | 40  | 0.44   | 0.50     | - |
| Nickel                    | mg/kg | 340 | 24.8   | 29.5     | - |
| Selenium                  | mg/kg | 5.5 | 0.36   | ND(0.20) | - |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                               |                                           |
|-------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                            | <b>BH25-13</b>                                | <b>BH25-13</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-0'-2'</b> | <b>S-12669624-250625-RB-BH25-13-2.5'-4.5'</b> | <b>S-12669624-250625-RB-BH25-13-5'-7'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                          | <b>6/25/2025</b>                              | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                          |

|                                      |              | <b>Table 2</b>      |             |          |   |
|--------------------------------------|--------------|---------------------|-------------|----------|---|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |             |          |   |
| Silver                               | mg/kg        | 50                  | ND(0.10)    | ND(0.10) | - |
| Thallium                             | mg/kg        | 3.3                 | 0.212       | 0.137    | - |
| Uranium                              | mg/kg        | 33                  | 1.85        | 0.726    | - |
| Vanadium                             | mg/kg        | 86                  | 35.9        | 34.7     | - |
| Zinc                                 | mg/kg        | 340                 | 82.8        | 61.6     | - |
| <b>SAR Metals</b>                    |              |                     |             |          |   |
| Calcium (soluble)                    | mg/L         | -                   | 6.18        | 5.01     | - |
| Magnesium (soluble)                  | mg/L         | -                   | 9.60        | 0.75     | - |
| Sodium (soluble)                     | mg/L         | -                   | 3.20        | 2.49     | - |
| <b>Pesticides</b>                    |              |                     |             |          |   |
| 2,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | - |
| 2,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | - |
| 2,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | -        | - |
| 4,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | - |
| 4,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | - |
| 4,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | -        | - |
| Aldrin                               | mg/kg        | 0.11                | ND(0.00020) | -        | - |
| alpha-Chlordane                      | mg/kg        | -                   | ND(0.00030) | -        | - |
| Chlordane                            | mg/kg        | 0.05                | ND(0.00042) | -        | - |
| Chlordane, technical                 | mg/kg        | -                   | ND(0.00030) | -        | - |
| Dieldrin                             | mg/kg        | 0.11                | ND(0.00020) | -        | - |
| Endosulfan                           | mg/kg        | 0.38                | ND(0.00042) | -        | - |
| Endosulfan I                         | mg/kg        | -                   | ND(0.00030) | -        | - |
| Endosulfan II                        | mg/kg        | -                   | ND(0.00030) | -        | - |
| Endrin                               | mg/kg        | 0.04                | ND(0.00050) | -        | - |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | ND(0.00020) | -        | - |
| Heptachlor                           | mg/kg        | 0.19                | ND(0.00020) | -        | - |
| Heptachlor epoxide                   | mg/kg        | 0.05                | ND(0.00020) | -        | - |
| Hexachlorobenzene                    | mg/kg        | 0.66                | ND(0.00050) | -        | - |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | ND(0.00050) | -        | - |
| Hexachloroethane                     | mg/kg        | 0.43                | ND(0.00050) | -        | - |
| Methoxychlor                         | mg/kg        | 1.6                 | ND(0.00100) | -        | - |
| Total DDD                            | mg/kg        | 4.6                 | ND(0.00042) | -        | - |
| Total DDE                            | mg/kg        | 0.65                | ND(0.00042) | -        | - |
| Total DDT                            | mg/kg        | 1.4                 | ND(0.00085) | -        | - |
| <b>Petroleum Hydrocarbons</b>        |              |                     |             |          |   |
| Chromatogram to baseline at nC50     | none         | -                   | YES         | YES      | - |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)     | ND(5.0)  | - |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)       | ND(5)    | - |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                               |                                           |
|-------------------------|-------------------------------------------|-----------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                            | <b>BH25-13</b>                                | <b>BH25-13</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-0'-2'</b> | <b>S-12669624-250625-RB-BH25-13-2.5'-4.5'</b> | <b>S-12669624-250625-RB-BH25-13-5'-7'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                          | <b>6/25/2025</b>                              | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                          | <b>WT2517131</b>                              | <b>WT2517131</b>                          |

|                                             |              | <b>Table 2</b>      |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | 0.47      |
| Chloride (soluble)                          | mg/kg        | -                   | -         | ND(5.0)   |
| Conductivity                                | mS/cm        | 1.4                 | 0.112     | 0.155     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 16.8      | 13.3      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 6.39      | 7.53      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.19      | 0.27      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                     |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                                | <b>BH25-15</b>                            | <b>BH25-15</b>                      |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-7.5'-9.5'</b> | <b>S-12669624-24/06/25-RB-BH25-15-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 3</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    |
| <b>Sample Depth:</b>    | <b>2.29-2.90</b>                              | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2516796</b>                          | <b>WT2516796</b>                    |

| Parameters | Units | Table 2      |
|------------|-------|--------------|
|            |       | ICC Med/Fine |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                           |                                     |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                                | <b>BH25-15</b>                            | <b>BH25-15</b>                      |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-7.5'-9.5'</b> | <b>S-12669624-24/06/25-RB-BH25-15-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 3</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    |
| <b>Sample Depth:</b>    | <b>2.29-2.90</b>                              | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2516796</b>                          | <b>WT2516796</b>                    |

|                                           |       | Table 2      |            |           |           |
|-------------------------------------------|-------|--------------|------------|-----------|-----------|
| Parameters                                | Units | ICC Med/Fine |            |           | Duplicate |
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8          | ND(0.050)  | ND(0.050) | ND(0.050) |
| Vinyl chloride                            | mg/kg | 0.25         | ND(0.020)  | ND(0.020) | ND(0.020) |
| Xylenes (total)                           | mg/kg | 30           | ND(0.05)   | ND(0.05)  | ND(0.05)  |
| <b>PAHs</b>                               |       |              |            |           |           |
| 1-Methylnaphthalene                       | mg/kg | 42           | -          | ND(0.030) | ND(0.030) |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42           | -          | ND(0.05)  | ND(0.05)  |
| 2-Methylnaphthalene                       | mg/kg | 42           | -          | ND(0.030) | ND(0.030) |
| Acenaphthene                              | mg/kg | 29           | -          | ND(0.050) | ND(0.050) |
| Acenaphthylene                            | mg/kg | 0.17         | -          | ND(0.050) | ND(0.050) |
| Anthracene                                | mg/kg | 0.74         | -          | ND(0.050) | ND(0.050) |
| Benzo(a)anthracene                        | mg/kg | 0.96         | -          | ND(0.050) | ND(0.050) |
| Benzo(a)pyrene                            | mg/kg | 0.3          | -          | ND(0.050) | ND(0.050) |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96         | -          | ND(0.050) | ND(0.050) |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6          | -          | ND(0.050) | ND(0.050) |
| Benzo(k)fluoranthene                      | mg/kg | 0.96         | -          | ND(0.050) | ND(0.050) |
| Chrysene                                  | mg/kg | 9.6          | -          | ND(0.050) | ND(0.050) |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1          | -          | ND(0.050) | ND(0.050) |
| Fluoranthene                              | mg/kg | 9.6          | -          | ND(0.050) | ND(0.050) |
| Fluorene                                  | mg/kg | 69           | -          | ND(0.050) | ND(0.050) |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95         | -          | ND(0.050) | ND(0.050) |
| Naphthalene                               | mg/kg | 28           | -          | ND(0.010) | ND(0.010) |
| Phenanthrene                              | mg/kg | 16           | -          | ND(0.050) | ND(0.050) |
| Pyrene                                    | mg/kg | 96           | -          | ND(0.050) | ND(0.050) |
| <b>Metals</b>                             |       |              |            |           |           |
| Antimony                                  | mg/kg | 50           | 0.31       | 0.19      | 0.20      |
| Arsenic                                   | mg/kg | 18           | 4.08       | 5.16      | 5.65      |
| Barium                                    | mg/kg | 670          | 114        | 83.5      | 96.5      |
| Beryllium                                 | mg/kg | 10           | 0.84       | 0.65      | 0.84      |
| Boron                                     | mg/kg | 120          | 30.6       | 6.6       | 14.1      |
| Boron (hot water soluble)                 | mg/kg | 2            | 0.74       | 0.27      | 0.18      |
| Cadmium                                   | mg/kg | 1.9          | 0.088      | 0.330     | 0.206     |
| Chromium                                  | mg/kg | 160          | 22.5       | 24.9      | 26.7      |
| Chromium VI (hexavalent)                  | mg/kg | 10           | ND(0.10)   | ND(0.10)  | 0.28      |
| Cobalt                                    | mg/kg | 100          | 12.5       | 12.0      | 12.6      |
| Copper                                    | mg/kg | 300          | 7.85       | 24.8      | 31.8      |
| Lead                                      | mg/kg | 120          | 13.4       | 17.3      | 13.8      |
| Mercury                                   | mg/kg | 20           | ND(0.0050) | 0.0402    | 0.0305    |
| Molybdenum                                | mg/kg | 40           | 0.85       | 0.48      | 0.43      |
| Nickel                                    | mg/kg | 340          | 25.3       | 23.0      | 27.9      |
| Selenium                                  | mg/kg | 5.5          | ND(0.20)   | 0.28      | ND(0.20)  |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                     |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                                | <b>BH25-15</b>                            | <b>BH25-15</b>                      |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-7.5'-9.5'</b> | <b>S-12669624-24/06/25-RB-BH25-15-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 3</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    |
| <b>Sample Depth:</b>    | <b>2.29-2.90</b>                              | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2516796</b>                          | <b>WT2516796</b>                    |

|                                      |              | <b>Table 2</b>      |          |             |                  |
|--------------------------------------|--------------|---------------------|----------|-------------|------------------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |          |             | <b>Duplicate</b> |
| Silver                               | mg/kg        | 50                  | ND(0.10) | 0.14        | 0.11             |
| Thallium                             | mg/kg        | 3.3                 | 0.102    | 0.140       | 0.174            |
| Uranium                              | mg/kg        | 33                  | 0.589    | 0.557       | 0.586            |
| Vanadium                             | mg/kg        | 86                  | 27.8     | 36.2        | 38.0             |
| Zinc                                 | mg/kg        | 340                 | 55.2     | 77.1        | 71.0             |
| <b>SAR Metals</b>                    |              |                     |          |             |                  |
| Calcium (soluble)                    | mg/L         | -                   | 2.90     | 17.9        | 6.49             |
| Magnesium (soluble)                  | mg/L         | -                   | 1.14     | 1.63        | 0.86             |
| Sodium (soluble)                     | mg/L         | -                   | 5.07     | 1.34        | 0.74             |
| <b>Pesticides</b>                    |              |                     |          |             |                  |
| 2,4'-DDD                             | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| 2,4'-DDE                             | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| 2,4'-DDT                             | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| 4,4'-DDD                             | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| 4,4'-DDE                             | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| 4,4'-DDT                             | mg/kg        | -                   | -        | ND(0.00060) | ND(0.00060)      |
| Aldrin                               | mg/kg        | 0.11                | -        | ND(0.00040) | ND(0.00040)      |
| alpha-Chlordane                      | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| Chlordane                            | mg/kg        | 0.05                | -        | ND(0.00042) | ND(0.00042)      |
| Chlordane, technical                 | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| Dieldrin                             | mg/kg        | 0.11                | -        | ND(0.00020) | ND(0.00020)      |
| Endosulfan                           | mg/kg        | 0.38                | -        | ND(0.00042) | ND(0.00042)      |
| Endosulfan I                         | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| Endosulfan II                        | mg/kg        | -                   | -        | ND(0.00030) | ND(0.00030)      |
| Endrin                               | mg/kg        | 0.04                | -        | ND(0.00050) | ND(0.00050)      |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | ND(0.00020) | ND(0.00020)      |
| Heptachlor                           | mg/kg        | 0.19                | -        | ND(0.00020) | ND(0.00020)      |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | ND(0.00040) | ND(0.00040)      |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | ND(0.00050) | ND(0.00050)      |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | ND(0.00050) | ND(0.00050)      |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | ND(0.00050) | ND(0.00050)      |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | ND(0.00050) | ND(0.00050)      |
| Total DDD                            | mg/kg        | 4.6                 | -        | ND(0.00042) | ND(0.00042)      |
| Total DDE                            | mg/kg        | 0.65                | -        | ND(0.00042) | ND(0.00042)      |
| Total DDT                            | mg/kg        | 1.4                 | -        | ND(0.00067) | ND(0.00067)      |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |             |                  |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES         | YES              |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)     | ND(5.0)          |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)       | ND(5)            |



Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                           |                                     |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------|
| <b>Sample Location:</b> | <b>BH25-13</b>                                | <b>BH25-15</b>                            | <b>BH25-15</b>                      |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-13-7.5'-9.5'</b> | <b>S-12669624-24/06/25-RB-BH25-15-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 3</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    |
| <b>Sample Depth:</b>    | <b>2.29-2.90</b>                              | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2516796</b>                          | <b>WT2516796</b>                    |

|                                             |              | <b>Table 2</b>      |           |           |                  |
|---------------------------------------------|--------------|---------------------|-----------|-----------|------------------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           | <b>Duplicate</b> |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)           |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | -         | ND(25)    | ND(25)           |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)           |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | -         | ND(50)    | ND(50)           |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)           |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)           |
| <b>General Chemistry</b>                    |              |                     |           |           |                  |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -                |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -                |
| Conductivity                                | mS/cm        | 1.4                 | 0.158     | 0.228     | 0.145            |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050)        |
| Moisture                                    | %            | -                   | 5.14      | 13.0      | 10.0             |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -                |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.79      | 7.32      | 7.40             |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -                |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.64      | ND(0.10)  | ND(0.10)         |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -                |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-15</b>                                | <b>BH25-15</b>                            | <b>BH25-16</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-15-2.5-4.5</b> | <b>S-12669624-24/06/25-RB-BH25-15-5-7</b> | <b>S-12669624-250625-RB-BH25-16-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                              | <b>6/24/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                              | <b>WT2516796</b>                          | <b>WT2517131</b>                          |

|                                                      | Table 2 |              |
|------------------------------------------------------|---------|--------------|
| Parameters                                           | Units   | ICC Med/Fine |
| Volatiles                                            |         |              |
| 1,1,1,2-Tetrachloroethane                            | mg/kg   | 0.11         |
| 1,1,1-Trichloroethane                                | mg/kg   | 12           |
| 1,1,2,2-Tetrachloroethane                            | mg/kg   | 0.094        |
| 1,1,2-Trichloroethane                                | mg/kg   | 0.11         |
| 1,1-Dichloroethane                                   | mg/kg   | 0.6          |
| 1,1-Dichloroethene                                   | mg/kg   | 0.48         |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg   | 0.05         |
| 1,2-Dichlorobenzene                                  | mg/kg   | 1.7          |
| 1,2-Dichloroethane                                   | mg/kg   | 0.05         |
| 1,2-Dichloropropane                                  | mg/kg   | 0.68         |
| 1,3-Dichlorobenzene                                  | mg/kg   | 12           |
| 1,4-Dichlorobenzene                                  | mg/kg   | 0.57         |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg   | 88           |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg   | 210          |
| Acetone                                              | mg/kg   | 28           |
| Benzene                                              | mg/kg   | 0.4          |
| Bromodichloromethane                                 | mg/kg   | 1.9          |
| Bromoform                                            | mg/kg   | 1.7          |
| Bromomethane (Methyl bromide)                        | mg/kg   | 0.05         |
| Carbon tetrachloride                                 | mg/kg   | 0.71         |
| Chlorobenzene                                        | mg/kg   | 2.7          |
| Chloroform (Trichloromethane)                        | mg/kg   | 0.18         |
| cis-1,2-Dichloroethene                               | mg/kg   | 2.5          |
| cis-1,3-Dichloropropene                              | mg/kg   | -            |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg   | 0.081        |
| Dibromochloromethane                                 | mg/kg   | 2.9          |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg   | 25           |
| Ethylbenzene                                         | mg/kg   | 1.6          |
| Hexane                                               | mg/kg   | 88           |
| m&p-Xylenes                                          | mg/kg   | -            |
| Methyl tert butyl ether (MTBE)                       | mg/kg   | 2.3          |
| Methylene chloride                                   | mg/kg   | 2            |
| o-Xylene                                             | mg/kg   | -            |
| Styrene                                              | mg/kg   | 43           |
| Tetrachloroethene                                    | mg/kg   | 2.5          |
| Toluene                                              | mg/kg   | 9            |
| Total BTEX                                           | mg/kg   | -            |
| trans-1,2-Dichloroethene                             | mg/kg   | 2.5          |
| trans-1,3-Dichloropropene                            | mg/kg   | -            |
| Trichloroethene                                      | mg/kg   | 0.61         |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-15

S-12669624-24/06/25-RB-BH25-15-2.5-4.5

6/24/2025

0.76-1.37

WT2516796

BH25-15

S-12669624-24/06/25-RB-BH25-15-5-7

6/24/2025

1.52-2.13

WT2516796

BH25-16

S-12669624-250625-RB-BH25-16-0'-2'

6/25/2025

0.00-0.61

WT2517131

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

ND(0.030)

-

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

ND(0.05)

-

ND(0.05)

2-Methylnaphthalene

mg/kg

42

ND(0.030)

-

ND(0.030)

Acenaphthene

mg/kg

29

ND(0.050)

-

ND(0.050)

Acenaphthylene

mg/kg

0.17

ND(0.050)

-

ND(0.050)

Anthracene

mg/kg

0.74

ND(0.050)

-

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

ND(0.050)

-

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

ND(0.050)

-

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

ND(0.050)

-

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

ND(0.050)

-

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

ND(0.050)

-

ND(0.050)

Chrysene

mg/kg

9.6

ND(0.050)

-

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

ND(0.050)

-

ND(0.050)

Fluoranthene

mg/kg

9.6

ND(0.050)

-

ND(0.050)

Fluorene

mg/kg

69

ND(0.050)

-

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

ND(0.050)

-

ND(0.050)

Naphthalene

mg/kg

28

ND(0.010)

-

ND(0.010)

Phenanthrene

mg/kg

16

ND(0.050)

-

ND(0.050)

Pyrene

mg/kg

96

ND(0.050)

-

ND(0.050)

## Metals

Antimony

mg/kg

50

0.19

0.19

0.16

Arsenic

mg/kg

18

6.22

6.21

4.00

Barium

mg/kg

670

93.9

86.6

75.6

Beryllium

mg/kg

10

0.84

0.76

0.64

Boron

mg/kg

120

14.9

14.9

6.1

Boron (hot water soluble)

mg/kg

2

ND(0.10)

0.11

0.18

Cadmium

mg/kg

1.9

0.108

0.127

0.180

Chromium

mg/kg

160

25.2

22.7

21.9

Chromium VI (hexavalent)

mg/kg

10

ND(0.10)

0.10

ND(0.10)

Cobalt

mg/kg

100

14.0

12.4

9.55

Copper

mg/kg

300

32.3

31.1

15.6

Lead

mg/kg

120

12.5

11.4

15.9

Mercury

mg/kg

20

0.0159

0.0176

0.0250

Molybdenum

mg/kg

40

0.52

0.42

0.51

Nickel

mg/kg

340

30.5

27.2

18.1

Selenium

mg/kg

5.5

ND(0.20)

ND(0.20)

0.26

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-15</b>                                | <b>BH25-15</b>                            | <b>BH25-16</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-15-2.5-4.5</b> | <b>S-12669624-24/06/25-RB-BH25-15-5-7</b> | <b>S-12669624-250625-RB-BH25-16-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                              | <b>6/24/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                              | <b>WT2516796</b>                          | <b>WT2517131</b>                          |

|                                      |              | <b>Table 2</b>      |          |          |             |
|--------------------------------------|--------------|---------------------|----------|----------|-------------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |          |          |             |
| Silver                               | mg/kg        | 50                  | ND(0.10) | ND(0.10) | ND(0.10)    |
| Thallium                             | mg/kg        | 3.3                 | 0.144    | 0.141    | 0.147       |
| Uranium                              | mg/kg        | 33                  | 0.756    | 0.666    | 0.658       |
| Vanadium                             | mg/kg        | 86                  | 34.3     | 32.3     | 33.1        |
| Zinc                                 | mg/kg        | 340                 | 70.2     | 61.6     | 63.6        |
| <b>SAR Metals</b>                    |              |                     |          |          |             |
| Calcium (soluble)                    | mg/L         | -                   | 3.11     | 4.04     | 12.8        |
| Magnesium (soluble)                  | mg/L         | -                   | 0.75     | 0.63     | 1.22        |
| Sodium (soluble)                     | mg/L         | -                   | 0.67     | 0.87     | 2.22        |
| <b>Pesticides</b>                    |              |                     |          |          |             |
| 2,4'-DDD                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 2,4'-DDE                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 2,4'-DDT                             | mg/kg        | -                   | -        | -        | ND(0.00060) |
| 4,4'-DDD                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 4,4'-DDE                             | mg/kg        | -                   | -        | -        | ND(0.00030) |
| 4,4'-DDT                             | mg/kg        | -                   | -        | -        | ND(0.00060) |
| Aldrin                               | mg/kg        | 0.11                | -        | -        | ND(0.00020) |
| alpha-Chlordane                      | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Chlordane                            | mg/kg        | 0.05                | -        | -        | ND(0.00042) |
| Chlordane, technical                 | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Dieldrin                             | mg/kg        | 0.11                | -        | -        | ND(0.00020) |
| Endosulfan                           | mg/kg        | 0.38                | -        | -        | ND(0.00042) |
| Endosulfan I                         | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Endosulfan II                        | mg/kg        | -                   | -        | -        | ND(0.00030) |
| Endrin                               | mg/kg        | 0.04                | -        | -        | ND(0.00050) |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | -        | ND(0.00020) |
| Heptachlor                           | mg/kg        | 0.19                | -        | -        | ND(0.00020) |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | -        | ND(0.00020) |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | -        | ND(0.00050) |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | -        | ND(0.00050) |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | -        | ND(0.00050) |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | -        | ND(0.00100) |
| Total DDD                            | mg/kg        | 4.6                 | -        | -        | ND(0.00042) |
| Total DDE                            | mg/kg        | 0.65                | -        | -        | ND(0.00042) |
| Total DDT                            | mg/kg        | 1.4                 | -        | -        | ND(0.00085) |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |          |             |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES      | YES         |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)  | ND(5.0)     |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)    | ND(5)       |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                           |                                           |
|-------------------------|-----------------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-15</b>                                | <b>BH25-15</b>                            | <b>BH25-16</b>                            |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-15-2.5-4.5</b> | <b>S-12669624-24/06/25-RB-BH25-15-5-7</b> | <b>S-12669624-250625-RB-BH25-16-0'-2'</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                              | <b>6/24/2025</b>                          | <b>6/25/2025</b>                          |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                          |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                              | <b>WT2516796</b>                          | <b>WT2517131</b>                          |

| <b>Table 2</b>                              |              |                     |
|---------------------------------------------|--------------|---------------------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   |

**General Chemistry**

|                                     |            |            |           |           |           |
|-------------------------------------|------------|------------|-----------|-----------|-----------|
| Acid volatile sulfide               | mg/kg      | -          | -         | -         | -         |
| Chloride (soluble)                  | mg/kg      | -          | -         | -         | -         |
| Conductivity                        | mS/cm      | 1.4        | 0.116     | 0.125     | 0.220     |
| Cyanide, weak acid dissociable      | mg/kg      | 0.051      | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                            | %          | -          | 11.9      | 11.1      | 14.1      |
| Oxidation reduction potential (ORP) | millivolts | -          | -         | -         | -         |
| pH, soluble (1:2)                   | s.u.       | (5-11) 5-9 | 7.66      | 7.75      | 7.24      |
| Resistivity                         | ohm/cm     | -          | -         | -         | -         |
| Sodium adsorption ratio (SAR)       | none       | 12         | ND(0.10)  | 0.11      | 0.16      |
| Sulfate (water soluble)             | mg/kg      | -          | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                               |                                   |                                               |
|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-16</b>                                | <b>BH25-16</b>                    | <b>BH25-16</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-16-2.5'-4.5'</b> | <b>S-12669624-250625-RB-DUP 5</b> | <b>S-12669624-250625-RB-BH25-16-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                  | <b>6/25/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>0.76-1.37</b>                  | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                  | <b>WT2517131</b>                              |

|                   |                           |
|-------------------|---------------------------|
|                   | <b>Table 2</b>            |
| <b>Parameters</b> | <b>Units ICC Med/Fine</b> |

**Volatiles**

|                                                      |       |       |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

|                                           |       |                         | BH25-16                                | BH25-16                    | BH25-16                                |
|-------------------------------------------|-------|-------------------------|----------------------------------------|----------------------------|----------------------------------------|
|                                           |       |                         | S-12669624-250625-RB-BH25-16-2.5'-4.5' | S-12669624-250625-RB-DUP 5 | S-12669624-250625-RB-BH25-16-7.5'-9.5' |
|                                           |       |                         | 6/25/2025                              | 6/25/2025                  | 6/25/2025                              |
|                                           |       |                         | 0.76-1.37                              | 0.76-1.37                  | 2.29-2.90                              |
|                                           |       |                         | WT2517131                              | WT2517131                  | WT2517131                              |
|                                           |       |                         |                                        | Duplicate                  |                                        |
| Parameters                                | Units | Table 2<br>ICC Med/Fine |                                        |                            |                                        |
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8                     | ND(0.050)                              | ND(0.050)                  | ND(0.050)                              |
| Vinyl chloride                            | mg/kg | 0.25                    | ND(0.020)                              | ND(0.020)                  | ND(0.020)                              |
| Xylenes (total)                           | mg/kg | 30                      | ND(0.05)                               | ND(0.05)                   | ND(0.05)                               |
| <b>PAHs</b>                               |       |                         |                                        |                            |                                        |
| 1-Methylnaphthalene                       | mg/kg | 42                      | ND(0.030)                              | ND(0.030)                  | -                                      |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42                      | ND(0.05)                               | ND(0.05)                   | -                                      |
| 2-Methylnaphthalene                       | mg/kg | 42                      | ND(0.030)                              | ND(0.030)                  | -                                      |
| Acenaphthene                              | mg/kg | 29                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| Acenaphthylene                            | mg/kg | 0.17                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Anthracene                                | mg/kg | 0.74                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(a)anthracene                        | mg/kg | 0.96                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(a)pyrene                            | mg/kg | 0.3                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Benzo(k)fluoranthene                      | mg/kg | 0.96                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Chrysene                                  | mg/kg | 9.6                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Fluoranthene                              | mg/kg | 9.6                     | ND(0.050)                              | ND(0.050)                  | -                                      |
| Fluorene                                  | mg/kg | 69                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95                    | ND(0.050)                              | ND(0.050)                  | -                                      |
| Naphthalene                               | mg/kg | 28                      | ND(0.010)                              | ND(0.010)                  | -                                      |
| Phenanthrene                              | mg/kg | 16                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| Pyrene                                    | mg/kg | 96                      | ND(0.050)                              | ND(0.050)                  | -                                      |
| <b>Metals</b>                             |       |                         |                                        |                            |                                        |
| Antimony                                  | mg/kg | 50                      | 0.15                                   | 0.16                       | 0.19                                   |
| Arsenic                                   | mg/kg | 18                      | 4.82                                   | 4.65                       | 7.03                                   |
| Barium                                    | mg/kg | 670                     | 109                                    | 103                        | 74.0                                   |
| Beryllium                                 | mg/kg | 10                      | 0.72                                   | 0.66                       | 0.86                                   |
| Boron                                     | mg/kg | 120                     | 13.0                                   | 13.5                       | 17.4                                   |
| Boron (hot water soluble)                 | mg/kg | 2                       | ND(0.10)                               | ND(0.10)                   | 0.38                                   |
| Cadmium                                   | mg/kg | 1.9                     | 0.113                                  | 0.115                      | 0.101                                  |
| Chromium                                  | mg/kg | 160                     | 22.5                                   | 21.0                       | 26.4                                   |
| Chromium VI (hexavalent)                  | mg/kg | 10                      | ND(0.10)                               | ND(0.10)                   | ND(0.10)                               |
| Cobalt                                    | mg/kg | 100                     | 10.5                                   | 10.1                       | 17.7                                   |
| Copper                                    | mg/kg | 300                     | 23.6                                   | 22.2                       | 38.1                                   |
| Lead                                      | mg/kg | 120                     | 11.3                                   | 20.3                       | 17.1                                   |
| Mercury                                   | mg/kg | 20                      | 0.0138                                 | 0.0136                     | 0.0150                                 |
| Molybdenum                                | mg/kg | 40                      | 0.36                                   | 0.42                       | 0.54                                   |
| Nickel                                    | mg/kg | 340                     | 23.4                                   | 22.9                       | 34.8                                   |
| Selenium                                  | mg/kg | 5.5                     | ND(0.20)                               | ND(0.20)                   | ND(0.20)                               |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

| Sample Location:                     |       |              | BH25-16                                | BH25-16                    | BH25-16                                |
|--------------------------------------|-------|--------------|----------------------------------------|----------------------------|----------------------------------------|
| Sample ID:                           |       |              | S-12669624-250625-RB-BH25-16-2.5'-4.5' | S-12669624-250625-RB-DUP 5 | S-12669624-250625-RB-BH25-16-7.5'-9.5' |
| Sample Date:                         |       |              | 6/25/2025                              | 6/25/2025                  | 6/25/2025                              |
| Sample Depth:                        |       |              | 0.76-1.37                              | 0.76-1.37                  | 2.29-2.90                              |
| LAB_COAs:                            |       |              | WT2517131                              | WT2517131                  | WT2517131                              |
| Table 2                              |       |              |                                        | Duplicate                  |                                        |
| Parameters                           | Units | ICC Med/Fine |                                        |                            |                                        |
| Silver                               | mg/kg | 50           | ND(0.10)                               | ND(0.10)                   | ND(0.10)                               |
| Thallium                             | mg/kg | 3.3          | 0.152                                  | 0.136                      | 0.195                                  |
| Uranium                              | mg/kg | 33           | 0.830                                  | 0.853                      | 0.931                                  |
| Vanadium                             | mg/kg | 86           | 32.3                                   | 30.4                       | 36.3                                   |
| Zinc                                 | mg/kg | 340          | 54.9                                   | 52.8                       | 71.9                                   |
| <b>SAR Metals</b>                    |       |              |                                        |                            |                                        |
| Calcium (soluble)                    | mg/L  | -            | 3.65                                   | 3.10                       | 1.62                                   |
| Magnesium (soluble)                  | mg/L  | -            | 1.28                                   | 1.62                       | 2.23                                   |
| Sodium (soluble)                     | mg/L  | -            | 1.70                                   | 1.63                       | 3.47                                   |
| <b>Pesticides</b>                    |       |              |                                        |                            |                                        |
| 2,4'-DDD                             | mg/kg | -            | -                                      | -                          | -                                      |
| 2,4'-DDE                             | mg/kg | -            | -                                      | -                          | -                                      |
| 2,4'-DDT                             | mg/kg | -            | -                                      | -                          | -                                      |
| 4,4'-DDD                             | mg/kg | -            | -                                      | -                          | -                                      |
| 4,4'-DDE                             | mg/kg | -            | -                                      | -                          | -                                      |
| 4,4'-DDT                             | mg/kg | -            | -                                      | -                          | -                                      |
| Aldrin                               | mg/kg | 0.11         | -                                      | -                          | -                                      |
| alpha-Chlordane                      | mg/kg | -            | -                                      | -                          | -                                      |
| Chlordane                            | mg/kg | 0.05         | -                                      | -                          | -                                      |
| Chlordane, technical                 | mg/kg | -            | -                                      | -                          | -                                      |
| Dieldrin                             | mg/kg | 0.11         | -                                      | -                          | -                                      |
| Endosulfan                           | mg/kg | 0.38         | -                                      | -                          | -                                      |
| Endosulfan I                         | mg/kg | -            | -                                      | -                          | -                                      |
| Endosulfan II                        | mg/kg | -            | -                                      | -                          | -                                      |
| Endrin                               | mg/kg | 0.04         | -                                      | -                          | -                                      |
| gamma-BHC (lindane)                  | mg/kg | 0.063        | -                                      | -                          | -                                      |
| Heptachlor                           | mg/kg | 0.19         | -                                      | -                          | -                                      |
| Heptachlor epoxide                   | mg/kg | 0.05         | -                                      | -                          | -                                      |
| Hexachlorobenzene                    | mg/kg | 0.66         | -                                      | -                          | -                                      |
| Hexachlorobutadiene                  | mg/kg | 0.095        | -                                      | -                          | -                                      |
| Hexachloroethane                     | mg/kg | 0.43         | -                                      | -                          | -                                      |
| Methoxychlor                         | mg/kg | 1.6          | -                                      | -                          | -                                      |
| Total DDD                            | mg/kg | 4.6          | -                                      | -                          | -                                      |
| Total DDE                            | mg/kg | 0.65         | -                                      | -                          | -                                      |
| Total DDT                            | mg/kg | 1.4          | -                                      | -                          | -                                      |
| <b>Petroleum Hydrocarbons</b>        |       |              |                                        |                            |                                        |
| Chromatogram to baseline at nC50     | none  | -            | YES                                    | YES                        | YES                                    |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65           | ND(5.0)                                | ND(5.0)                    | ND(5.0)                                |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65           | ND(5)                                  | ND(5)                      | ND(5)                                  |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                               |                                   |                                               |
|-------------------------|-----------------------------------------------|-----------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-16</b>                                | <b>BH25-16</b>                    | <b>BH25-16</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-250625-RB-BH25-16-2.5'-4.5'</b> | <b>S-12669624-250625-RB-DUP 5</b> | <b>S-12669624-250625-RB-BH25-16-7.5'-9.5'</b> |
| <b>Sample Date:</b>     | <b>6/25/2025</b>                              | <b>6/25/2025</b>                  | <b>6/25/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                              | <b>0.76-1.37</b>                  | <b>2.29-2.90</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2517131</b>                              | <b>WT2517131</b>                  | <b>WT2517131</b>                              |

|                                             |              | <b>Table 2</b>      |           |                  |           |
|---------------------------------------------|--------------|---------------------|-----------|------------------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           | <b>Duplicate</b> |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)           | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | ND(25)    | ND(25)           | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)           | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | ND(50)    | ND(50)           | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)           | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)           | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |                  |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -                | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -                | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.148     | 0.142            | 0.161     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050)        | ND(0.050) |
| Moisture                                    | %            | -                   | 12.8      | 13.3             | 10.7      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -                | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.61      | 7.65             | 7.69      |
| Resistivity                                 | ohm/cm       | -                   | -         | -                | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.20      | 0.19             | 0.42      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -                | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                     |                                               |
|-------------------------|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-17</b>                            | <b>BH25-17</b>                      | <b>BH25-17</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-17-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 4</b> | <b>S-12669624-24/06/25-RB-BH25-17-2.5-4.5</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    | <b>6/24/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    | <b>0.76-1.37</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                          | <b>WT2516796</b>                    | <b>WT2516796</b>                              |

| Parameters                                           | Units | Table 2      |            | Duplicate  |            |
|------------------------------------------------------|-------|--------------|------------|------------|------------|
|                                                      |       | ICC Med/Fine |            |            |            |
| Volatiles                                            |       |              |            |            |            |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094        | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210          | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4          | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081        | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6          | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3          | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2            | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9            | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -            | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61         | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-17

BH25-17

BH25-17

S-12669624-24/06/25-RB-BH25-17-0-2 S-12669624-24/06/25-RB-DUP 4 S-12669624-24/06/25-RB-BH25-17-2.5-4.5

6/24/2025

6/24/2025

6/24/2025

0.00-0.61

0.00-0.61

0.76-1.37

WT2516796

WT2516796

WT2516796

## Table 2

Duplicate

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

ND(0.05)

ND(0.05)

ND(0.05)

2-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

ND(0.030)

Acenaphthene

mg/kg

29

ND(0.050)

ND(0.050)

ND(0.050)

Acenaphthylene

mg/kg

0.17

ND(0.050)

ND(0.050)

ND(0.050)

Anthracene

mg/kg

0.74

ND(0.050)

ND(0.050)

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

ND(0.050)

ND(0.050)

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

ND(0.050)

ND(0.050)

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

ND(0.050)

ND(0.050)

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

ND(0.050)

Chrysene

mg/kg

9.6

ND(0.050)

ND(0.050)

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

ND(0.050)

ND(0.050)

ND(0.050)

Fluoranthene

mg/kg

9.6

ND(0.050)

ND(0.050)

ND(0.050)

Fluorene

mg/kg

69

ND(0.050)

ND(0.050)

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

ND(0.050)

ND(0.050)

ND(0.050)

Naphthalene

mg/kg

28

ND(0.010)

ND(0.010)

ND(0.010)

Phenanthrene

mg/kg

16

ND(0.050)

ND(0.050)

ND(0.050)

Pyrene

mg/kg

96

ND(0.050)

ND(0.050)

ND(0.050)

## Metals

Antimony

mg/kg

50

0.19

0.20

0.18

Arsenic

mg/kg

18

4.92

5.61

4.88

Barium

mg/kg

670

101

145

114

Beryllium

mg/kg

10

0.75

0.95

0.68

Boron

mg/kg

120

7.4

12.2

13.9

Boron (hot water soluble)

mg/kg

2

0.25

0.22

0.16

Cadmium

mg/kg

1.9

0.222

0.174

0.138

Chromium

mg/kg

160

26.3

31.2

23.4

Chromium VI (hexavalent)

mg/kg

10

0.16

0.25

ND(0.10)

Cobalt

mg/kg

100

10.4

12.7

11.6

Copper

mg/kg

300

19.8

26.7

24.8

Lead

mg/kg

120

19.1

16.3

12.1

Mercury

mg/kg

20

0.0374

0.0303

0.0173

Molybdenum

mg/kg

40

0.66

0.56

0.52

Nickel

mg/kg

340

19.8

28.0

24.5

Selenium

mg/kg

5.5

0.39

0.28

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                     |                                               |
|-------------------------|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-17</b>                            | <b>BH25-17</b>                      | <b>BH25-17</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-17-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 4</b> | <b>S-12669624-24/06/25-RB-BH25-17-2.5-4.5</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    | <b>6/24/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    | <b>0.76-1.37</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                          | <b>WT2516796</b>                    | <b>WT2516796</b>                              |

|                                      |              | <b>Table 2</b>      |             |                  |          |
|--------------------------------------|--------------|---------------------|-------------|------------------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |             | <b>Duplicate</b> |          |
| Silver                               | mg/kg        | 50                  | ND(0.10)    | ND(0.10)         | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.161       | 0.187            | 0.144    |
| Uranium                              | mg/kg        | 33                  | 0.678       | 0.652            | 0.828    |
| Vanadium                             | mg/kg        | 86                  | 40.5        | 46.1             | 33.2     |
| Zinc                                 | mg/kg        | 340                 | 72.0        | 72.8             | 59.0     |
| <b>SAR Metals</b>                    |              |                     |             |                  |          |
| Calcium (soluble)                    | mg/L         | -                   | 11.9        | 15.0             | 10.6     |
| Magnesium (soluble)                  | mg/L         | -                   | 1.81        | 2.70             | 4.87     |
| Sodium (soluble)                     | mg/L         | -                   | 4.88        | 11.8             | 15.3     |
| <b>Pesticides</b>                    |              |                     |             |                  |          |
| 2,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| 2,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| 2,4'-DDT                             | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| 4,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| 4,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| 4,4'-DDT                             | mg/kg        | -                   | ND(0.00060) | ND(0.00060)      | -        |
| Aldrin                               | mg/kg        | 0.11                | ND(0.00040) | ND(0.00040)      | -        |
| alpha-Chlordane                      | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| Chlordane                            | mg/kg        | 0.05                | ND(0.00042) | ND(0.00042)      | -        |
| Chlordane, technical                 | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| Dieldrin                             | mg/kg        | 0.11                | ND(0.00020) | ND(0.00020)      | -        |
| Endosulfan                           | mg/kg        | 0.38                | ND(0.00042) | ND(0.00042)      | -        |
| Endosulfan I                         | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| Endosulfan II                        | mg/kg        | -                   | ND(0.00030) | ND(0.00030)      | -        |
| Endrin                               | mg/kg        | 0.04                | ND(0.00050) | ND(0.00050)      | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | ND(0.00020) | ND(0.00020)      | -        |
| Heptachlor                           | mg/kg        | 0.19                | ND(0.00020) | ND(0.00020)      | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | ND(0.00040) | ND(0.00040)      | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | ND(0.00050) | ND(0.00050)      | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | ND(0.00050) | ND(0.00050)      | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | ND(0.00050) | ND(0.00050)      | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | ND(0.00050) | ND(0.00050)      | -        |
| Total DDD                            | mg/kg        | 4.6                 | ND(0.00042) | ND(0.00042)      | -        |
| Total DDE                            | mg/kg        | 0.65                | ND(0.00042) | ND(0.00042)      | -        |
| Total DDT                            | mg/kg        | 1.4                 | ND(0.00067) | ND(0.00067)      | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |             |                  |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES         | YES              | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)     | ND(5.0)          | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)       | ND(5)            | ND(5)    |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                     |                                               |
|-------------------------|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-17</b>                            | <b>BH25-17</b>                      | <b>BH25-17</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-17-0-2</b> | <b>S-12669624-24/06/25-RB-DUP 4</b> | <b>S-12669624-24/06/25-RB-BH25-17-2.5-4.5</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                          | <b>6/24/2025</b>                    | <b>6/24/2025</b>                              |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                          | <b>0.00-0.61</b>                    | <b>0.76-1.37</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                          | <b>WT2516796</b>                    | <b>WT2516796</b>                              |

|                                             |            | Table 2      |           |           |               |
|---------------------------------------------|------------|--------------|-----------|-----------|---------------|
| Parameters                                  | Units      | ICC Med/Fine |           | Duplicate |               |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | ND(10)    | ND(10)        |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | ND(25)    | ND(25)    | ND(25)        |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)        |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)        |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | ND(50)    | ND(50)        |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | ND(80)    | ND(80)        |
| <b>General Chemistry</b>                    |            |              |           |           |               |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -         | 1.27          |
| Chloride (soluble)                          | mg/kg      | -            | -         | -         | 6.9           |
| Conductivity                                | mS/cm      | 1.4          | 0.216     | 0.277     | 0.286         |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | ND(0.050) | ND(0.050)     |
| Moisture                                    | %          | -            | 22.6      | 10.8      | 10.7 Dup 11.5 |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -         | 310           |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.17      | 7.62      | 7.82 Dup 7.66 |
| Resistivity                                 | ohm/cm     | -            | -         | -         | 3550          |
| Sodium adsorption ratio (SAR)               | none       | 12           | 0.35      | 0.74      | 0.98          |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -         | 160           |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                            |                                                |
|-------------------------|-------------------------------------------|--------------------------------------------|------------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-17</b>                            | <b>MW25-07</b>                             | <b>MW25-07</b>                                 |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-17.5-7</b> | <b>S-12669624-20/06/25-RB-MW25-07-0-2'</b> | <b>S-12669624-20/06/25-RB-MW25-07-2.5-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                          | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                          | <b>WT2516558</b>                           | <b>WT2516558</b>                               |

|                                                      |       | Table 2      |
|------------------------------------------------------|-------|--------------|
| Parameters                                           | Units | ICC Med/Fine |
| Volatiles                                            |       |              |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11         |
| 1,1,1-Trichloroethane                                | mg/kg | 12           |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094        |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11         |
| 1,1-Dichloroethane                                   | mg/kg | 0.6          |
| 1,1-Dichloroethene                                   | mg/kg | 0.48         |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05         |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7          |
| 1,2-Dichloroethane                                   | mg/kg | 0.05         |
| 1,2-Dichloropropane                                  | mg/kg | 0.68         |
| 1,3-Dichlorobenzene                                  | mg/kg | 12           |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57         |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88           |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210          |
| Acetone                                              | mg/kg | 28           |
| Benzene                                              | mg/kg | 0.4          |
| Bromodichloromethane                                 | mg/kg | 1.9          |
| Bromoform                                            | mg/kg | 1.7          |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05         |
| Carbon tetrachloride                                 | mg/kg | 0.71         |
| Chlorobenzene                                        | mg/kg | 2.7          |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18         |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5          |
| cis-1,3-Dichloropropene                              | mg/kg | -            |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081        |
| Dibromochloromethane                                 | mg/kg | 2.9          |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25           |
| Ethylbenzene                                         | mg/kg | 1.6          |
| Hexane                                               | mg/kg | 88           |
| m&p-Xylenes                                          | mg/kg | -            |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3          |
| Methylene chloride                                   | mg/kg | 2            |
| o-Xylene                                             | mg/kg | -            |
| Styrene                                              | mg/kg | 43           |
| Tetrachloroethene                                    | mg/kg | 2.5          |
| Toluene                                              | mg/kg | 9            |
| Total BTEX                                           | mg/kg | -            |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5          |
| trans-1,3-Dichloropropene                            | mg/kg | -            |
| Trichloroethene                                      | mg/kg | 0.61         |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

BH25-17

MW25-07

MW25-07

S-12669624-24/06/25-RB-BH25-17.5-7 S-12669624-20/06/25-RB-MW25-07-0-2' S-12669624-20/06/25-RB-MW25-07-2.5-4.5'

6/24/2025

6/20/2025

6/20/2025

1.52-2.13

0.00-0.61

0.76-1.37

WT2516796

WT2516558

WT2516558

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

-

ND(0.05)

ND(0.05)

2-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

Acenaphthene

mg/kg

29

-

ND(0.050)

ND(0.050)

Acenaphthylene

mg/kg

0.17

-

ND(0.050)

ND(0.050)

Anthracene

mg/kg

0.74

-

ND(0.050)

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

-

ND(0.050)

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Chrysene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

-

ND(0.050)

ND(0.050)

Fluoranthene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Fluorene

mg/kg

69

-

ND(0.050)

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

-

ND(0.050)

ND(0.050)

Naphthalene

mg/kg

28

-

ND(0.010)

ND(0.010)

Phenanthrene

mg/kg

16

-

ND(0.050)

ND(0.050)

Pyrene

mg/kg

96

-

ND(0.050)

ND(0.050)

## Metals

Antimony

mg/kg

50

0.20

0.16

0.22

Arsenic

mg/kg

18

6.46

4.95

5.24

Barium

mg/kg

670

59.6

148

136

Beryllium

mg/kg

10

0.88

0.99

0.77

Boron

mg/kg

120

17.0

7.6

15.0

Boron (hot water soluble)

mg/kg

2

0.48

0.47

0.11

Cadmium

mg/kg

1.9

0.103

0.323

0.124

Chromium

mg/kg

160

26.2

29.2

21.8

Chromium VI (hexavalent)

mg/kg

10

ND(0.10)

0.22

0.20

Cobalt

mg/kg

100

15.8

10.9

10.9

Copper

mg/kg

300

38.7

23.8

21.5

Lead

mg/kg

120

12.6

16.1

10.8

Mercury

mg/kg

20

0.0163

0.0393

0.0123

Molybdenum

mg/kg

40

0.50

0.72

1.59

Nickel

mg/kg

340

32.9

26.2

24.3

Selenium

mg/kg

5.5

ND(0.20)

0.33

ND(0.20)



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                           |                                            |                                                |
|-------------------------|-------------------------------------------|--------------------------------------------|------------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-17</b>                            | <b>MW25-07</b>                             | <b>MW25-07</b>                                 |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-17.5-7</b> | <b>S-12669624-20/06/25-RB-MW25-07-0-2'</b> | <b>S-12669624-20/06/25-RB-MW25-07-2.5-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                          | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                          | <b>WT2516558</b>                           | <b>WT2516558</b>                               |

|                                      |              | <b>Table 2</b>      |          |             |          |
|--------------------------------------|--------------|---------------------|----------|-------------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |          |             |          |
| Silver                               | mg/kg        | 50                  | ND(0.10) | ND(0.10)    | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.146    | 0.173       | 0.104    |
| Uranium                              | mg/kg        | 33                  | 0.980    | 1.61        | 0.753    |
| Vanadium                             | mg/kg        | 86                  | 35.3     | 41.3        | 31.1     |
| Zinc                                 | mg/kg        | 340                 | 73.8     | 87.6        | 57.7     |
| <b>SAR Metals</b>                    |              |                     |          |             |          |
| Calcium (soluble)                    | mg/L         | -                   | 3.23     | 8.83        | 13.4     |
| Magnesium (soluble)                  | mg/L         | -                   | 5.30     | 2.23        | 1.97     |
| Sodium (soluble)                     | mg/L         | -                   | 13.2     | 6.57        | 9.17     |
| <b>Pesticides</b>                    |              |                     |          |             |          |
| 2,4'-DDD                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 2,4'-DDE                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 2,4'-DDT                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 4,4'-DDD                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 4,4'-DDE                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| 4,4'-DDT                             | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Aldrin                               | mg/kg        | 0.11                | -        | ND(0.00020) | -        |
| alpha-Chlordane                      | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Chlordane                            | mg/kg        | 0.05                | -        | ND(0.00042) | -        |
| Chlordane, technical                 | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Dieldrin                             | mg/kg        | 0.11                | -        | ND(0.00020) | -        |
| Endosulfan                           | mg/kg        | 0.38                | -        | ND(0.00042) | -        |
| Endosulfan I                         | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Endosulfan II                        | mg/kg        | -                   | -        | ND(0.00030) | -        |
| Endrin                               | mg/kg        | 0.04                | -        | ND(0.00050) | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | ND(0.00020) | -        |
| Heptachlor                           | mg/kg        | 0.19                | -        | ND(0.00020) | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | ND(0.00020) | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | ND(0.00050) | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | ND(0.00050) | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | ND(0.00050) | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | ND(0.00050) | -        |
| Total DDD                            | mg/kg        | 4.6                 | -        | ND(0.00042) | -        |
| Total DDE                            | mg/kg        | 0.65                | -        | ND(0.00042) | -        |
| Total DDT                            | mg/kg        | 1.4                 | -        | ND(0.00042) | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |             |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES         | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)     | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)       | ND(5)    |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                           |                                            |                                                |
|-------------------------|-------------------------------------------|--------------------------------------------|------------------------------------------------|
| <b>Sample Location:</b> | <b>BH25-17</b>                            | <b>MW25-07</b>                             | <b>MW25-07</b>                                 |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-BH25-17.5-7</b> | <b>S-12669624-20/06/25-RB-MW25-07-0-2'</b> | <b>S-12669624-20/06/25-RB-MW25-07-2.5-4.5'</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                          | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                          | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               |
| <b>LAB_COAs:</b>        | <b>WT2516796</b>                          | <b>WT2516558</b>                           | <b>WT2516558</b>                               |

|                                             |              | <b>Table 2</b>      |           |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | -         | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | -         | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.245     | 0.218     | 0.259     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 9.09      | 20.1      | 13.5      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.88      | 6.98      | 7.51      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 1.05      | 0.51      | 0.62      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-07

S-12669624-20/06/25-RB-MW25-07-5-7' S-12669624-20/06/25-RB-MW25-07-7.5-9.5' S-12669624-19/06/25-RB-MW25-08-0-2'

6/20/2025

6/20/2025

6/19/2025

1.52-2.13

2.29-2.90

0.00-0.61

WT2516558

WT2516558

WT2516558

Table 2

## Parameters

Units

ICC Med/Fine

## Volatiles

|                                                      |       |       |            |   |            |
|------------------------------------------------------|-------|-------|------------|---|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | - | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | - | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | - | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | - | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | - | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | - | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | - | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | - | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | - | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | - | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | - | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | - | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | - | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | - | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | - | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | - | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | - | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | - | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | - | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | - | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | - | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | - | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | - | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | - | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | - | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | - | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | - | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | - | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | - | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | - | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | - | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | - | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | - | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | - | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | - | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | - | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | - | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | - | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | - | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | - | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-07

S-12669624-20/06/25-RB-MW25-07-5-7' S-12669624-20/06/25-RB-MW25-07-7.5-9.5' S-12669624-19/06/25-RB-MW25-08-0-2'

MW25-07

MW25-08

6/20/2025

6/20/2025

6/19/2025

1.52-2.13

2.29-2.90

0.00-0.61

WT2516558

WT2516558

WT2516558

Table 2

## Parameters

Units

ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

-

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

-

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

-

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

-

-

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

-

-

ND(0.05)

2-Methylnaphthalene

mg/kg

42

-

-

ND(0.030)

Acenaphthene

mg/kg

29

-

-

ND(0.050)

Acenaphthylene

mg/kg

0.17

-

-

ND(0.050)

Anthracene

mg/kg

0.74

-

-

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

-

-

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

-

-

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

-

-

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

-

-

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

-

-

ND(0.050)

Chrysene

mg/kg

9.6

-

-

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

-

-

ND(0.050)

Fluoranthene

mg/kg

9.6

-

-

ND(0.050)

Fluorene

mg/kg

69

-

-

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

-

-

ND(0.050)

Naphthalene

mg/kg

28

-

-

ND(0.010)

Phenanthrene

mg/kg

16

-

-

ND(0.050)

Pyrene

mg/kg

96

-

-

ND(0.050)

## Metals

Antimony

mg/kg

50

0.28

-

0.20

Arsenic

mg/kg

18

4.55

-

6.21

Barium

mg/kg

670

166

-

136

Beryllium

mg/kg

10

0.88

-

1.18

Boron

mg/kg

120

26.6

-

8.7

Boron (hot water soluble)

mg/kg

2

0.65

-

0.21

Cadmium

mg/kg

1.9

0.076

-

0.172

Chromium

mg/kg

160

23.2

-

32.4

Chromium VI (hexavalent)

mg/kg

10

ND(0.10)

-

0.38

Cobalt

mg/kg

100

14.0

-

13.9

Copper

mg/kg

300

7.98

-

34.2

Lead

mg/kg

120

11.5

-

17.0

Mercury

mg/kg

20

ND(0.0050)

-

0.0464

Molybdenum

mg/kg

40

1.04

-

0.51

Nickel

mg/kg

340

27.6

-

31.5

Selenium

mg/kg

5.5

ND(0.20)

-

0.24

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-07</b>                             | <b>MW25-07</b>                                 | <b>MW25-08</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-20/06/25-RB-MW25-07-5-7'</b> | <b>S-12669624-20/06/25-RB-MW25-07-7.5-9.5'</b> | <b>S-12669624-19/06/25-RB-MW25-08-0-2'</b> |
| <b>Sample Date:</b>     | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                           | <b>2.29-2.90</b>                               | <b>0.00-0.61</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

| Table 2                              |       |              |          |   |             |
|--------------------------------------|-------|--------------|----------|---|-------------|
| Parameters                           | Units | ICC Med/Fine |          |   |             |
| Silver                               | mg/kg | 50           | ND(0.10) | - | 0.12        |
| Thallium                             | mg/kg | 3.3          | 0.106    | - | 0.201       |
| Uranium                              | mg/kg | 33           | 0.607    | - | 0.616       |
| Vanadium                             | mg/kg | 86           | 32.6     | - | 45.2        |
| Zinc                                 | mg/kg | 340          | 61.0     | - | 80.8        |
| <b>SAR Metals</b>                    |       |              |          |   |             |
| Calcium (soluble)                    | mg/L  | -            | 5.40     | - | 7.50        |
| Magnesium (soluble)                  | mg/L  | -            | 1.30     | - | 13.2        |
| Sodium (soluble)                     | mg/L  | -            | 10.8     | - | 0.84        |
| <b>Pesticides</b>                    |       |              |          |   |             |
| 2,4'-DDD                             | mg/kg | -            | -        | - | ND(0.00030) |
| 2,4'-DDE                             | mg/kg | -            | -        | - | ND(0.00030) |
| 2,4'-DDT                             | mg/kg | -            | -        | - | ND(0.00030) |
| 4,4'-DDD                             | mg/kg | -            | -        | - | ND(0.00030) |
| 4,4'-DDE                             | mg/kg | -            | -        | - | ND(0.00030) |
| 4,4'-DDT                             | mg/kg | -            | -        | - | ND(0.00030) |
| Aldrin                               | mg/kg | 0.11         | -        | - | ND(0.00020) |
| alpha-Chlordane                      | mg/kg | -            | -        | - | ND(0.00030) |
| Chlordane                            | mg/kg | 0.05         | -        | - | ND(0.00042) |
| Chlordane, technical                 | mg/kg | -            | -        | - | ND(0.00030) |
| Dieldrin                             | mg/kg | 0.11         | -        | - | ND(0.00020) |
| Endosulfan                           | mg/kg | 0.38         | -        | - | ND(0.00042) |
| Endosulfan I                         | mg/kg | -            | -        | - | ND(0.00030) |
| Endosulfan II                        | mg/kg | -            | -        | - | ND(0.00030) |
| Endrin                               | mg/kg | 0.04         | -        | - | ND(0.00050) |
| gamma-BHC (lindane)                  | mg/kg | 0.063        | -        | - | ND(0.00020) |
| Heptachlor                           | mg/kg | 0.19         | -        | - | ND(0.00020) |
| Heptachlor epoxide                   | mg/kg | 0.05         | -        | - | ND(0.00020) |
| Hexachlorobenzene                    | mg/kg | 0.66         | -        | - | ND(0.00050) |
| Hexachlorobutadiene                  | mg/kg | 0.095        | -        | - | ND(0.00050) |
| Hexachloroethane                     | mg/kg | 0.43         | -        | - | ND(0.00050) |
| Methoxychlor                         | mg/kg | 1.6          | -        | - | ND(0.00050) |
| Total DDD                            | mg/kg | 4.6          | -        | - | ND(0.00042) |
| Total DDE                            | mg/kg | 0.65         | -        | - | ND(0.00042) |
| Total DDT                            | mg/kg | 1.4          | -        | - | ND(0.00042) |
| <b>Petroleum Hydrocarbons</b>        |       |              |          |   |             |
| Chromatogram to baseline at nC50     | none  | -            | YES      | - | YES         |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65           | ND(5.0)  | - | ND(5.0)     |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65           | ND(5)    | - | ND(5)       |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-07</b>                             | <b>MW25-07</b>                                 | <b>MW25-08</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-20/06/25-RB-MW25-07-5-7'</b> | <b>S-12669624-20/06/25-RB-MW25-07-7.5-9.5'</b> | <b>S-12669624-19/06/25-RB-MW25-08-0-2'</b> |
| <b>Sample Date:</b>     | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>1.52-2.13</b>                           | <b>2.29-2.90</b>                               | <b>0.00-0.61</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

| <b>Table 2</b>                              |              |                     |           |      |           |
|---------------------------------------------|--------------|---------------------|-----------|------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |      |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | -    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | -         | -    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | -    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | -         | -    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | -    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | -    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |      |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | 0.93 | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | 15.6 | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.209     | -    | 0.0855    |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | -    | ND(0.050) |
| Moisture                                    | %            | -                   | 13.5      | 5.72 | 14.0      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | 262  | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.70      | 7.86 | 7.08      |
| Resistivity                                 | ohm/cm       | -                   | -         | 5650 | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 1.08      | -    | ND(0.10)  |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | 65   | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                                |                                     |                                            |
|-------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-08</b>                                 | <b>MW25-08</b>                      | <b>MW25-08</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-MW25-08-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-DUP 2</b> | <b>S-12669624-19/06/25-RB-MW25-08-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                               | <b>6/19/2025</b>                    | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                               | <b>0.76-1.37</b>                    | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                               | <b>WT2516558</b>                    | <b>WT2516558</b>                           |

| Parameters                                           | Units | Table 2      |            | Duplicate  |            |
|------------------------------------------------------|-------|--------------|------------|------------|------------|
|                                                      |       | ICC Med/Fine |            |            |            |
| Volatiles                                            |       |              |            |            |            |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094        | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210          | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4          | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081        | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6          | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3          | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2            | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9            | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -            | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61         | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                                |                                     |                                            |
|-------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-08</b>                                 | <b>MW25-08</b>                      | <b>MW25-08</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-MW25-08-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-DUP 2</b> | <b>S-12669624-19/06/25-RB-MW25-08-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                               | <b>6/19/2025</b>                    | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                               | <b>0.76-1.37</b>                    | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                               | <b>WT2516558</b>                    | <b>WT2516558</b>                           |

|                                           |       | Table 2      |           |           |  |           |
|-------------------------------------------|-------|--------------|-----------|-----------|--|-----------|
| Parameters                                | Units | ICC Med/Fine |           | Duplicate |  |           |
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8          | ND(0.050) | ND(0.050) |  | ND(0.050) |
| Vinyl chloride                            | mg/kg | 0.25         | ND(0.020) | ND(0.020) |  | ND(0.020) |
| Xylenes (total)                           | mg/kg | 30           | ND(0.05)  | ND(0.05)  |  | ND(0.05)  |
| <b>PAHs</b>                               |       |              |           |           |  |           |
| 1-Methylnaphthalene                       | mg/kg | 42           | ND(0.030) | ND(0.030) |  | -         |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42           | ND(0.05)  | ND(0.05)  |  | -         |
| 2-Methylnaphthalene                       | mg/kg | 42           | ND(0.030) | ND(0.030) |  | -         |
| Acenaphthene                              | mg/kg | 29           | ND(0.050) | ND(0.050) |  | -         |
| Acenaphthylene                            | mg/kg | 0.17         | ND(0.050) | ND(0.050) |  | -         |
| Anthracene                                | mg/kg | 0.74         | ND(0.050) | ND(0.050) |  | -         |
| Benzo(a)anthracene                        | mg/kg | 0.96         | ND(0.050) | ND(0.050) |  | -         |
| Benzo(a)pyrene                            | mg/kg | 0.3          | ND(0.050) | ND(0.050) |  | -         |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96         | ND(0.050) | ND(0.050) |  | -         |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6          | ND(0.050) | ND(0.050) |  | -         |
| Benzo(k)fluoranthene                      | mg/kg | 0.96         | ND(0.050) | ND(0.050) |  | -         |
| Chrysene                                  | mg/kg | 9.6          | ND(0.050) | ND(0.050) |  | -         |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1          | ND(0.050) | ND(0.050) |  | -         |
| Fluoranthene                              | mg/kg | 9.6          | ND(0.050) | ND(0.050) |  | -         |
| Fluorene                                  | mg/kg | 69           | ND(0.050) | ND(0.050) |  | -         |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95         | ND(0.050) | ND(0.050) |  | -         |
| Naphthalene                               | mg/kg | 28           | ND(0.010) | ND(0.010) |  | -         |
| Phenanthrene                              | mg/kg | 16           | ND(0.050) | ND(0.050) |  | -         |
| Pyrene                                    | mg/kg | 96           | ND(0.050) | ND(0.050) |  | -         |
| <b>Metals</b>                             |       |              |           |           |  |           |
| Antimony                                  | mg/kg | 50           | 0.16      | 0.15      |  | 0.14      |
| Arsenic                                   | mg/kg | 18           | 4.45      | 4.60      |  | 4.72      |
| Barium                                    | mg/kg | 670          | 76.0      | 75.1      |  | 89.1      |
| Beryllium                                 | mg/kg | 10           | 0.70      | 0.70      |  | 0.68      |
| Boron                                     | mg/kg | 120          | 11.8      | 11.6      |  | 11.3      |
| Boron (hot water soluble)                 | mg/kg | 2            | ND(0.10)  | ND(0.10)  |  | ND(0.10)  |
| Cadmium                                   | mg/kg | 1.9          | 0.113     | 0.106     |  | 0.109     |
| Chromium                                  | mg/kg | 160          | 20.6      | 21.0      |  | 20.9      |
| Chromium VI (hexavalent)                  | mg/kg | 10           | 0.17      | 0.15      |  | 0.20      |
| Cobalt                                    | mg/kg | 100          | 10.6      | 10.8      |  | 11.0      |
| Copper                                    | mg/kg | 300          | 23.8      | 24.7      |  | 26.2      |
| Lead                                      | mg/kg | 120          | 10.5      | 11.2      |  | 10.3      |
| Mercury                                   | mg/kg | 20           | 0.0154    | 0.0154    |  | 0.0146    |
| Molybdenum                                | mg/kg | 40           | 0.37      | 0.40      |  | 0.49      |
| Nickel                                    | mg/kg | 340          | 23.2      | 23.5      |  | 24.8      |
| Selenium                                  | mg/kg | 5.5          | ND(0.20)  | ND(0.20)  |  | ND(0.20)  |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                                |                                     |                                            |
|-------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-08</b>                                 | <b>MW25-08</b>                      | <b>MW25-08</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-MW25-08-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-DUP 2</b> | <b>S-12669624-19/06/25-RB-MW25-08-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                               | <b>6/19/2025</b>                    | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                               | <b>0.76-1.37</b>                    | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                               | <b>WT2516558</b>                    | <b>WT2516558</b>                           |

| <b>Parameters</b>                    | <b>Units</b> | <b>Table 2</b>      |          |          |          |
|--------------------------------------|--------------|---------------------|----------|----------|----------|
|                                      |              | <b>ICC Med/Fine</b> |          |          |          |
| Silver                               | mg/kg        | 50                  | ND(0.10) | ND(0.10) | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.134    | 0.138    | 0.138    |
| Uranium                              | mg/kg        | 33                  | 0.505    | 0.518    | 0.817    |
| Vanadium                             | mg/kg        | 86                  | 29.6     | 29.6     | 29.6     |
| Zinc                                 | mg/kg        | 340                 | 60.1     | 58.9     | 60.5     |
| <b>SAR Metals</b>                    |              |                     |          |          |          |
| Calcium (soluble)                    | mg/L         | -                   | 3.95     | 3.87     | 3.42     |
| Magnesium (soluble)                  | mg/L         | -                   | ND(0.50) | ND(0.50) | 0.58     |
| Sodium (soluble)                     | mg/L         | -                   | 0.53     | 0.53     | 0.63     |
| <b>Pesticides</b>                    |              |                     |          |          |          |
| 2,4'-DDD                             | mg/kg        | -                   | -        | -        | -        |
| 2,4'-DDE                             | mg/kg        | -                   | -        | -        | -        |
| 2,4'-DDT                             | mg/kg        | -                   | -        | -        | -        |
| 4,4'-DDD                             | mg/kg        | -                   | -        | -        | -        |
| 4,4'-DDE                             | mg/kg        | -                   | -        | -        | -        |
| 4,4'-DDT                             | mg/kg        | -                   | -        | -        | -        |
| Aldrin                               | mg/kg        | 0.11                | -        | -        | -        |
| alpha-Chlordane                      | mg/kg        | -                   | -        | -        | -        |
| Chlordane                            | mg/kg        | 0.05                | -        | -        | -        |
| Chlordane, technical                 | mg/kg        | -                   | -        | -        | -        |
| Dieldrin                             | mg/kg        | 0.11                | -        | -        | -        |
| Endosulfan                           | mg/kg        | 0.38                | -        | -        | -        |
| Endosulfan I                         | mg/kg        | -                   | -        | -        | -        |
| Endosulfan II                        | mg/kg        | -                   | -        | -        | -        |
| Endrin                               | mg/kg        | 0.04                | -        | -        | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | -        | -        | -        |
| Heptachlor                           | mg/kg        | 0.19                | -        | -        | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | -        | -        | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | -        | -        | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | -        | -        | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | -        | -        | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | -        | -        | -        |
| Total DDD                            | mg/kg        | 4.6                 | -        | -        | -        |
| Total DDE                            | mg/kg        | 0.65                | -        | -        | -        |
| Total DDT                            | mg/kg        | 1.4                 | -        | -        | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |          |          |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES      | YES      | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)  | ND(5.0)  | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)    | ND(5)    | ND(5)    |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                                |                                     |                                            |
|-------------------------|------------------------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-08</b>                                 | <b>MW25-08</b>                      | <b>MW25-08</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-19/06/25-RB-MW25-08-2.5-4.5'</b> | <b>S-12669624-19/06/25-RB-DUP 2</b> | <b>S-12669624-19/06/25-RB-MW25-08-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/19/2025</b>                               | <b>6/19/2025</b>                    | <b>6/19/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.76-1.37</b>                               | <b>0.76-1.37</b>                    | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                               | <b>WT2516558</b>                    | <b>WT2516558</b>                           |

| Table 2                                     |            |              |           |           |           |
|---------------------------------------------|------------|--------------|-----------|-----------|-----------|
| Parameters                                  | Units      | ICC Med/Fine |           | Duplicate |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | ND(25)    | ND(25)    | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | ND(50)    | ND(50)    | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |            |              |           |           |           |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -         | -         |
| Chloride (soluble)                          | mg/kg      | -            | -         | -         | -         |
| Conductivity                                | mS/cm      | 1.4          | 0.114     | 0.116     | 0.115     |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %          | -            | 11.8      | 11.7      | 11.1      |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.59      | 7.64      | 7.63      |
| Resistivity                                 | ohm/cm     | -            | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none       | 12           | ND(0.10)  | ND(0.10)  | ND(0.10)  |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-11</b>                             | <b>MW25-11</b>                                 | <b>MW25-11</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-20/06/25-RB-MW25-11-0-2'</b> | <b>S-12669624-20/06/25-RB-MW25-11-2.5-4.5'</b> | <b>S-12669624-20/06/25-RB-MW25-11-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               | <b>6/20/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

| Parameters                                           | Units | Table 2 |            |            |            |
|------------------------------------------------------|-------|---------|------------|------------|------------|
|                                                      |       | ICC     | Med/Fine   |            |            |
| Volatiles                                            |       |         |            |            |            |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094   | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88      | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210     | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28      | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4     | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18    | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081   | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6     | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3     | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2       | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43      | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9       | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -       | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5     | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -       | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61    | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-11

S-12669624-20/06/25-RB-MW25-11-0-2'

6/20/2025

0.00-0.61

WT2516558

MW25-11

S-12669624-20/06/25-RB-MW25-11-2.5-4.5'

6/20/2025

0.76-1.37

WT2516558

MW25-11

S-12669624-20/06/25-RB-MW25-11-5-7'

6/20/2025

1.52-2.13

WT2516558

Table 2

## Parameters

## Units

## ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

-

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

ND(0.05)

ND(0.05)

-

2-Methylnaphthalene

mg/kg

42

ND(0.030)

ND(0.030)

-

Acenaphthene

mg/kg

29

ND(0.050)

ND(0.050)

-

Acenaphthylene

mg/kg

0.17

ND(0.050)

ND(0.050)

-

Anthracene

mg/kg

0.74

ND(0.050)

ND(0.050)

-

Benzo(a)anthracene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Benzo(a)pyrene

mg/kg

0.3

ND(0.050)

ND(0.050)

-

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Benzo(g,h,i)perylene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Benzo(k)fluoranthene

mg/kg

0.96

ND(0.050)

ND(0.050)

-

Chrysene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Dibenz(a,h)anthracene

mg/kg

0.1

ND(0.050)

ND(0.050)

-

Fluoranthene

mg/kg

9.6

ND(0.050)

ND(0.050)

-

Fluorene

mg/kg

69

ND(0.050)

ND(0.050)

-

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

ND(0.050)

ND(0.050)

-

Naphthalene

mg/kg

28

ND(0.010)

ND(0.010)

-

Phenanthrene

mg/kg

16

ND(0.050)

ND(0.050)

-

Pyrene

mg/kg

96

ND(0.050)

ND(0.050)

-

## Metals

Antimony

mg/kg

50

0.16

0.13

0.26

Arsenic

mg/kg

18

5.08

3.92

3.76

Barium

mg/kg

670

126

118

165

Beryllium

mg/kg

10

0.84

0.88

0.73

Boron

mg/kg

120

8.8

22.8

22.8

Boron (hot water soluble)

mg/kg

2

0.11

0.13

0.15

Cadmium

mg/kg

1.9

0.144

0.098

0.098

Chromium

mg/kg

160

24.6

20.8

19.9

Chromium VI (hexavalent)

mg/kg

10

0.27

ND(0.10)

ND(0.10)

Cobalt

mg/kg

100

9.36

13.2

13.5

Copper

mg/kg

300

28.6

10.9

12.2

Lead

mg/kg

120

12.2

9.77

10.2

Mercury

mg/kg

20

0.0264

0.0061

ND(0.0050)

Molybdenum

mg/kg

40

0.78

0.56

0.90

Nickel

mg/kg

340

24.9

25.7

24.4

Selenium

mg/kg

5.5

0.22

ND(0.20)

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                                |                                            |
|-------------------------|--------------------------------------------|------------------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-11</b>                             | <b>MW25-11</b>                                 | <b>MW25-11</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-20/06/25-RB-MW25-11-0-2'</b> | <b>S-12669624-20/06/25-RB-MW25-11-2.5-4.5'</b> | <b>S-12669624-20/06/25-RB-MW25-11-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/20/2025</b>                           | <b>6/20/2025</b>                               | <b>6/20/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.76-1.37</b>                               | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                               | <b>WT2516558</b>                           |

|                                      |              | <b>Table 2</b>      |             |          |          |
|--------------------------------------|--------------|---------------------|-------------|----------|----------|
| <b>Parameters</b>                    | <b>Units</b> | <b>ICC Med/Fine</b> |             |          |          |
| Silver                               | mg/kg        | 50                  | ND(0.10)    | ND(0.10) | ND(0.10) |
| Thallium                             | mg/kg        | 3.3                 | 0.154       | 0.120    | 0.128    |
| Uranium                              | mg/kg        | 33                  | 1.02        | 0.791    | 0.598    |
| Vanadium                             | mg/kg        | 86                  | 36.7        | 42.6     | 33.8     |
| Zinc                                 | mg/kg        | 340                 | 56.8        | 62.9     | 57.0     |
| <b>SAR Metals</b>                    |              |                     |             |          |          |
| Calcium (soluble)                    | mg/L         | -                   | 21.6        | 6.48     | 4.78     |
| Magnesium (soluble)                  | mg/L         | -                   | 2.45        | 1.07     | 0.92     |
| Sodium (soluble)                     | mg/L         | -                   | 5.62        | 2.99     | 2.70     |
| <b>Pesticides</b>                    |              |                     |             |          |          |
| 2,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 2,4'-DDT                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDD                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDE                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| 4,4'-DDT                             | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Aldrin                               | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| alpha-Chlordane                      | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Chlordane                            | mg/kg        | 0.05                | ND(0.00042) | -        | -        |
| Chlordane, technical                 | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Dieldrin                             | mg/kg        | 0.11                | ND(0.00020) | -        | -        |
| Endosulfan                           | mg/kg        | 0.38                | ND(0.00042) | -        | -        |
| Endosulfan I                         | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endosulfan II                        | mg/kg        | -                   | ND(0.00030) | -        | -        |
| Endrin                               | mg/kg        | 0.04                | ND(0.00050) | -        | -        |
| gamma-BHC (lindane)                  | mg/kg        | 0.063               | ND(0.00020) | -        | -        |
| Heptachlor                           | mg/kg        | 0.19                | ND(0.00020) | -        | -        |
| Heptachlor epoxide                   | mg/kg        | 0.05                | ND(0.00020) | -        | -        |
| Hexachlorobenzene                    | mg/kg        | 0.66                | ND(0.00050) | -        | -        |
| Hexachlorobutadiene                  | mg/kg        | 0.095               | ND(0.00050) | -        | -        |
| Hexachloroethane                     | mg/kg        | 0.43                | ND(0.00050) | -        | -        |
| Methoxychlor                         | mg/kg        | 1.6                 | ND(0.00050) | -        | -        |
| Total DDD                            | mg/kg        | 4.6                 | ND(0.00042) | -        | -        |
| Total DDE                            | mg/kg        | 0.65                | ND(0.00042) | -        | -        |
| Total DDT                            | mg/kg        | 1.4                 | ND(0.00042) | -        | -        |
| <b>Petroleum Hydrocarbons</b>        |              |                     |             |          |          |
| Chromatogram to baseline at nC50     | none         | -                   | YES         | YES      | YES      |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg        | 65                  | ND(5.0)     | ND(5.0)  | ND(5.0)  |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg        | 65                  | ND(5)       | ND(5)    | ND(5)    |

Table 4A

Summary of Soil Analytical Results  
Phase Two ESA  
Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                  |                                     |                                         |                                     |
|------------------|-------------------------------------|-----------------------------------------|-------------------------------------|
| Sample Location: | MW25-11                             | MW25-11                                 | MW25-11                             |
| Sample ID:       | S-12669624-20/06/25-RB-MW25-11-0-2' | S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | S-12669624-20/06/25-RB-MW25-11-5-7' |
| Sample Date:     | 6/20/2025                           | 6/20/2025                               | 6/20/2025                           |
| Sample Depth:    | 0.00-0.61                           | 0.76-1.37                               | 1.52-2.13                           |
| LAB_COAs:        | WT2516558                           | WT2516558                               | WT2516558                           |

| Table 2                                     |            |              |           |           |           |
|---------------------------------------------|------------|--------------|-----------|-----------|-----------|
| Parameters                                  | Units      | ICC Med/Fine |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | ND(25)    | ND(25)    | -         |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | ND(50)    | ND(50)    | -         |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |            |              |           |           |           |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -         | -         |
| Chloride (soluble)                          | mg/kg      | -            | -         | -         | -         |
| Conductivity                                | mS/cm      | 1.4          | 0.286     | 0.170     | 0.148     |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %          | -            | 18.2      | 13.7      | 13.3      |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.59      | 7.48      | 7.69      |
| Resistivity                                 | ohm/cm     | -            | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none       | 12           | 0.30      | 0.29      | 0.30      |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -         | -         |

**Footnotes:**  
1) Analytical results are presented in milligram per kilogram (mg/kg).  
2) ND() = Not detected at the associated reporting limit.  
3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.  
4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.  
5) mS/cm = millisiemens per centimetres  
6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                            |                                     |                                            |
|-------------------------|--------------------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-14</b>                             | <b>MW25-14</b>                      | <b>MW25-14</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-18/06/25-RB-MW25-14-0-2'</b> | <b>S-12669624-18/06/25-RB-DUP 1</b> | <b>S-12669624-18/06/25-RB-MW25-14-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/18/2025</b>                           | <b>6/18/2025</b>                    | <b>6/18/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.00-0.61</b>                    | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                    | <b>WT2516558</b>                           |

| Parameters                                           | Units | Table 2      |            | Duplicate  |            |
|------------------------------------------------------|-------|--------------|------------|------------|------------|
|                                                      |       | ICC Med/Fine |            |            |            |
| Volatiles                                            |       |              |            |            |            |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094        | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210          | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4          | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081        | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6          | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3          | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2            | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9            | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -            | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61         | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

| Sample Location:                          |       |              | MW25-14                             | MW25-14                      | MW25-14                             |
|-------------------------------------------|-------|--------------|-------------------------------------|------------------------------|-------------------------------------|
| Sample ID:                                |       |              | S-12669624-18/06/25-RB-MW25-14-0-2' | S-12669624-18/06/25-RB-DUP 1 | S-12669624-18/06/25-RB-MW25-14-5-7' |
| Sample Date:                              |       |              | 6/18/2025                           | 6/18/2025                    | 6/18/2025                           |
| Sample Depth:                             |       |              | 0.00-0.61                           | 0.00-0.61                    | 1.52-2.13                           |
| LAB_COAs:                                 |       |              | WT2516558                           | WT2516558                    | WT2516558                           |
| Table 2                                   |       |              |                                     | Duplicate                    |                                     |
| Parameters                                | Units | ICC Med/Fine |                                     |                              |                                     |
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8          | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Vinyl chloride                            | mg/kg | 0.25         | ND(0.020)                           | ND(0.020)                    | ND(0.020)                           |
| Xylenes (total)                           | mg/kg | 30           | ND(0.05)                            | ND(0.05)                     | ND(0.05)                            |
| <b>PAHs</b>                               |       |              |                                     |                              |                                     |
| 1-Methylnaphthalene                       | mg/kg | 42           | ND(0.030)                           | ND(0.030)                    | ND(0.030)                           |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42           | ND(0.05)                            | ND(0.05)                     | ND(0.05)                            |
| 2-Methylnaphthalene                       | mg/kg | 42           | ND(0.030)                           | ND(0.030)                    | ND(0.030)                           |
| Acenaphthene                              | mg/kg | 29           | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Acenaphthylene                            | mg/kg | 0.17         | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Anthracene                                | mg/kg | 0.74         | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Benzo(a)anthracene                        | mg/kg | 0.96         | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Benzo(a)pyrene                            | mg/kg | 0.3          | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96         | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6          | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Benzo(k)fluoranthene                      | mg/kg | 0.96         | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Chrysene                                  | mg/kg | 9.6          | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1          | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Fluoranthene                              | mg/kg | 9.6          | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Fluorene                                  | mg/kg | 69           | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95         | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Naphthalene                               | mg/kg | 28           | ND(0.010)                           | ND(0.010)                    | ND(0.010)                           |
| Phenanthrene                              | mg/kg | 16           | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| Pyrene                                    | mg/kg | 96           | ND(0.050)                           | ND(0.050)                    | ND(0.050)                           |
| <b>Metals</b>                             |       |              |                                     |                              |                                     |
| Antimony                                  | mg/kg | 50           | 0.20                                | 0.21                         | 0.20                                |
| Arsenic                                   | mg/kg | 18           | 4.84                                | 5.10                         | 6.27                                |
| Barium                                    | mg/kg | 670          | 119                                 | 120                          | 69.5                                |
| Beryllium                                 | mg/kg | 10           | 0.86                                | 0.90                         | 0.86                                |
| Boron                                     | mg/kg | 120          | 8.1                                 | 9.4                          | 15.6                                |
| Boron (hot water soluble)                 | mg/kg | 2            | 0.23                                | 0.20                         | 0.28                                |
| Cadmium                                   | mg/kg | 1.9          | 0.262                               | 0.251                        | 0.104                               |
| Chromium                                  | mg/kg | 160          | 28.0                                | 27.8                         | 25.6                                |
| Chromium VI (hexavalent)                  | mg/kg | 10           | ND(0.10)                            | ND(0.10)                     | ND(0.10)                            |
| Cobalt                                    | mg/kg | 100          | 11.2                                | 11.2                         | 15.4                                |
| Copper                                    | mg/kg | 300          | 24.8                                | 26.1                         | 35.1                                |
| Lead                                      | mg/kg | 120          | 15.8                                | 15.4                         | 11.4                                |
| Mercury                                   | mg/kg | 20           | 0.0387                              | 0.0359                       | 0.0156                              |
| Molybdenum                                | mg/kg | 40           | 0.82                                | 0.68                         | 0.53                                |
| Nickel                                    | mg/kg | 340          | 22.8                                | 24.0                         | 31.1                                |
| Selenium                                  | mg/kg | 5.5          | 0.29                                | 0.25                         | ND(0.20)                            |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

| Sample Location:                     |       |              | MW25-14                             | MW25-14                      | MW25-14                             |
|--------------------------------------|-------|--------------|-------------------------------------|------------------------------|-------------------------------------|
| Sample ID:                           |       |              | S-12669624-18/06/25-RB-MW25-14-0-2' | S-12669624-18/06/25-RB-DUP 1 | S-12669624-18/06/25-RB-MW25-14-5-7' |
| Sample Date:                         |       |              | 6/18/2025                           | 6/18/2025                    | 6/18/2025                           |
| Sample Depth:                        |       |              | 0.00-0.61                           | 0.00-0.61                    | 1.52-2.13                           |
| LAB_COAs:                            |       |              | WT2516558                           | WT2516558                    | WT2516558                           |
| Table 2                              |       |              |                                     | Duplicate                    |                                     |
| Parameters                           | Units | ICC Med/Fine |                                     |                              |                                     |
| Silver                               | mg/kg | 50           | 0.12                                | 0.13                         | ND(0.10)                            |
| Thallium                             | mg/kg | 3.3          | 0.156                               | 0.162                        | 0.147                               |
| Uranium                              | mg/kg | 33           | 0.609                               | 0.610                        | 1.10                                |
| Vanadium                             | mg/kg | 86           | 39.9                                | 39.5                         | 33.5                                |
| Zinc                                 | mg/kg | 340          | 74.7                                | 76.3                         | 69.4                                |
| <b>SAR Metals</b>                    |       |              |                                     |                              |                                     |
| Calcium (soluble)                    | mg/L  | -            | 12.3                                | 11.3                         | 2.26                                |
| Magnesium (soluble)                  | mg/L  | -            | 1.65                                | 2.05                         | 3.17                                |
| Sodium (soluble)                     | mg/L  | -            | 3.08                                | 3.62                         | 2.10                                |
| <b>Pesticides</b>                    |       |              |                                     |                              |                                     |
| 2,4'-DDD                             | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| 2,4'-DDE                             | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| 2,4'-DDT                             | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| 4,4'-DDD                             | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| 4,4'-DDE                             | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| 4,4'-DDT                             | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| Aldrin                               | mg/kg | 0.11         | ND(0.00020)                         | ND(0.00020)                  | -                                   |
| alpha-Chlordane                      | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| Chlordane                            | mg/kg | 0.05         | ND(0.00042)                         | ND(0.00042)                  | -                                   |
| Chlordane, technical                 | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| Dieldrin                             | mg/kg | 0.11         | ND(0.00020)                         | ND(0.00020)                  | -                                   |
| Endosulfan                           | mg/kg | 0.38         | ND(0.00042)                         | ND(0.00042)                  | -                                   |
| Endosulfan I                         | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| Endosulfan II                        | mg/kg | -            | ND(0.00030)                         | ND(0.00030)                  | -                                   |
| Endrin                               | mg/kg | 0.04         | ND(0.00050)                         | ND(0.00050)                  | -                                   |
| gamma-BHC (lindane)                  | mg/kg | 0.063        | ND(0.00020)                         | ND(0.00020)                  | -                                   |
| Heptachlor                           | mg/kg | 0.19         | ND(0.00020)                         | ND(0.00020)                  | -                                   |
| Heptachlor epoxide                   | mg/kg | 0.05         | ND(0.00020)                         | ND(0.00020)                  | -                                   |
| Hexachlorobenzene                    | mg/kg | 0.66         | ND(0.00050)                         | ND(0.00050)                  | -                                   |
| Hexachlorobutadiene                  | mg/kg | 0.095        | ND(0.00050)                         | ND(0.00050)                  | -                                   |
| Hexachloroethane                     | mg/kg | 0.43         | ND(0.00050)                         | ND(0.00050)                  | -                                   |
| Methoxychlor                         | mg/kg | 1.6          | ND(0.00050)                         | ND(0.00050)                  | -                                   |
| Total DDD                            | mg/kg | 4.6          | ND(0.00042)                         | ND(0.00042)                  | -                                   |
| Total DDE                            | mg/kg | 0.65         | ND(0.00042)                         | ND(0.00042)                  | -                                   |
| Total DDT                            | mg/kg | 1.4          | ND(0.00042)                         | ND(0.00042)                  | -                                   |
| <b>Petroleum Hydrocarbons</b>        |       |              |                                     |                              |                                     |
| Chromatogram to baseline at nC50     | none  | -            | YES                                 | YES                          | YES                                 |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65           | ND(5.0)                             | ND(5.0)                      | ND(5.0)                             |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65           | ND(5)                               | ND(5)                        | ND(5)                               |

Table 4A

**Summary of Soil Analytical Results**  
**Phase Two ESA**  
**Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario**  
**Infrastructure Ontario**

|                         |                                            |                                     |                                            |
|-------------------------|--------------------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-14</b>                             | <b>MW25-14</b>                      | <b>MW25-14</b>                             |
| <b>Sample ID:</b>       | <b>S-12669624-18/06/25-RB-MW25-14-0-2'</b> | <b>S-12669624-18/06/25-RB-DUP 1</b> | <b>S-12669624-18/06/25-RB-MW25-14-5-7'</b> |
| <b>Sample Date:</b>     | <b>6/18/2025</b>                           | <b>6/18/2025</b>                    | <b>6/18/2025</b>                           |
| <b>Sample Depth:</b>    | <b>0.00-0.61</b>                           | <b>0.00-0.61</b>                    | <b>1.52-2.13</b>                           |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                           | <b>WT2516558</b>                    | <b>WT2516558</b>                           |

| Table 2                                     |            |              |           |           |           |
|---------------------------------------------|------------|--------------|-----------|-----------|-----------|
| Parameters                                  | Units      | ICC Med/Fine |           | Duplicate |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | ND(25)    | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |            |              |           |           |           |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -         | -         |
| Chloride (soluble)                          | mg/kg      | -            | -         | -         | -         |
| Conductivity                                | mS/cm      | 1.4          | 0.223     | 0.223     | 0.157     |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %          | -            | 19.9      | 17.3      | 11.0      |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.33      | 7.40      | 7.87      |
| Resistivity                                 | ohm/cm     | -            | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none       | 12           | 0.22      | 0.26      | 0.21      |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                                |                                           |                                               |
|-------------------------|------------------------------------------------|-------------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-14</b>                                 | <b>MW25-18</b>                            | <b>MW25-18</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-18/06/25-RB-MW25-14-7.5-9.5'</b> | <b>S-12669624-23/06/25-RB-MW25-18-0-2</b> | <b>S-12669624-23/06/25-RB-MW25-18-2.5-4.5</b> |
| <b>Sample Date:</b>     | <b>6/18/2025</b>                               | <b>6/23/2025</b>                          | <b>6/23/2025</b>                              |
| <b>Sample Depth:</b>    | <b>2.29-2.90</b>                               | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                               | <b>WT2516796</b>                          | <b>WT2516796</b>                              |

Table 2

| Parameters                                           | Units | ICC Med/Fine |            |            |            |
|------------------------------------------------------|-------|--------------|------------|------------|------------|
| <b>Volatiles</b>                                     |       |              |            |            |            |
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094        | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210          | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28           | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4          | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18         | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081        | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6          | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3          | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2            | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43           | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9            | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -            | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5          | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -            | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61         | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-14

S-12669624-18/06/25-RB-MW25-14-7.5-9.5'

6/18/2025

2.29-2.90

WT2516558

MW25-18

S-12669624-23/06/25-RB-MW25-18-0-2

6/23/2025

0.00-0.61

WT2516796

MW25-18

S-12669624-23/06/25-RB-MW25-18-2.5-4.5

6/23/2025

0.76-1.37

WT2516796

Table 2

## Parameters

## Units

## ICC Med/Fine

Trichlorofluoromethane (CFC-11)

mg/kg

5.8

ND(0.050)

ND(0.050)

ND(0.050)

Vinyl chloride

mg/kg

0.25

ND(0.020)

ND(0.020)

ND(0.020)

Xylenes (total)

mg/kg

30

ND(0.05)

ND(0.05)

ND(0.05)

## PAHs

1-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

1-Methylnaphthalene/2-Methylnaphthalene

mg/kg

42

-

ND(0.05)

ND(0.05)

2-Methylnaphthalene

mg/kg

42

-

ND(0.030)

ND(0.030)

Acenaphthene

mg/kg

29

-

ND(0.050)

ND(0.050)

Acenaphthylene

mg/kg

0.17

-

ND(0.050)

ND(0.050)

Anthracene

mg/kg

0.74

-

ND(0.050)

ND(0.050)

Benzo(a)anthracene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(a)pyrene

mg/kg

0.3

-

ND(0.050)

ND(0.050)

Benzo(b)fluoranthene/Benzo(j)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Benzo(g,h,i)perylene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Benzo(k)fluoranthene

mg/kg

0.96

-

ND(0.050)

ND(0.050)

Chrysene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Dibenz(a,h)anthracene

mg/kg

0.1

-

ND(0.050)

ND(0.050)

Fluoranthene

mg/kg

9.6

-

ND(0.050)

ND(0.050)

Fluorene

mg/kg

69

-

ND(0.050)

ND(0.050)

Indeno(1,2,3-cd)pyrene

mg/kg

0.95

-

ND(0.050)

ND(0.050)

Naphthalene

mg/kg

28

-

ND(0.010)

ND(0.010)

Phenanthrene

mg/kg

16

-

ND(0.050)

ND(0.050)

Pyrene

mg/kg

96

-

ND(0.050)

ND(0.050)

## Metals

Antimony

mg/kg

50

0.27

0.17

0.18

Arsenic

mg/kg

18

5.65

6.57

5.73

Barium

mg/kg

670

179

164

104

Beryllium

mg/kg

10

0.74

1.23

0.90

Boron

mg/kg

120

21.0

11.5

15.7

Boron (hot water soluble)

mg/kg

2

0.37

1.03

0.17

Cadmium

mg/kg

1.9

0.100

0.422

0.093

Chromium

mg/kg

160

22.4

33.8

26.2

Chromium VI (hexavalent)

mg/kg

10

ND(0.10)

0.23

ND(0.10)

Cobalt

mg/kg

100

13.5

15.8

13.7

Copper

mg/kg

300

28.0

28.6

31.7

Lead

mg/kg

120

11.1

21.3

11.8

Mercury

mg/kg

20

0.0082

0.0534

0.0160

Molybdenum

mg/kg

40

0.86

0.85

0.46

Nickel

mg/kg

340

27.6

28.6

30.0

Selenium

mg/kg

5.5

ND(0.20)

0.61

ND(0.20)

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-14

S-12669624-18/06/25-RB-MW25-14-7.5-9.5'

6/18/2025

2.29-2.90

WT2516558

MW25-18

S-12669624-23/06/25-RB-MW25-18-0-2

6/23/2025

0.00-0.61

WT2516796

MW25-18

S-12669624-23/06/25-RB-MW25-18-2.5-4.5

6/23/2025

0.76-1.37

WT2516796

Table 2

## Parameters

Units

ICC Med/Fine

|          |       |     |          |       |          |
|----------|-------|-----|----------|-------|----------|
| Silver   | mg/kg | 50  | ND(0.10) | 0.17  | ND(0.10) |
| Thallium | mg/kg | 3.3 | 0.106    | 0.209 | 0.138    |
| Uranium  | mg/kg | 33  | 0.698    | 1.93  | 1.23     |
| Vanadium | mg/kg | 86  | 30.3     | 48.4  | 35.9     |
| Zinc     | mg/kg | 340 | 62.8     | 107   | 67.0     |

## SAR Metals

|                     |      |   |      |      |      |
|---------------------|------|---|------|------|------|
| Calcium (soluble)   | mg/L | - | 1.94 | 7.52 | 4.94 |
| Magnesium (soluble) | mg/L | - | 2.59 | 3.01 | 1.43 |
| Sodium (soluble)    | mg/L | - | 1.81 | 13.5 | 4.64 |

## Pesticides

|                      |       |       |   |             |   |
|----------------------|-------|-------|---|-------------|---|
| 2,4'-DDD             | mg/kg | -     | - | ND(0.00030) | - |
| 2,4'-DDE             | mg/kg | -     | - | ND(0.00030) | - |
| 2,4'-DDT             | mg/kg | -     | - | ND(0.00030) | - |
| 4,4'-DDD             | mg/kg | -     | - | ND(0.00030) | - |
| 4,4'-DDE             | mg/kg | -     | - | ND(0.00030) | - |
| 4,4'-DDT             | mg/kg | -     | - | ND(0.00060) | - |
| Aldrin               | mg/kg | 0.11  | - | ND(0.00040) | - |
| alpha-Chlordane      | mg/kg | -     | - | ND(0.00030) | - |
| Chlordane            | mg/kg | 0.05  | - | ND(0.00042) | - |
| Chlordane, technical | mg/kg | -     | - | ND(0.00030) | - |
| Dieldrin             | mg/kg | 0.11  | - | ND(0.00020) | - |
| Endosulfan           | mg/kg | 0.38  | - | ND(0.00042) | - |
| Endosulfan I         | mg/kg | -     | - | ND(0.00030) | - |
| Endosulfan II        | mg/kg | -     | - | ND(0.00030) | - |
| Endrin               | mg/kg | 0.04  | - | ND(0.00050) | - |
| gamma-BHC (lindane)  | mg/kg | 0.063 | - | ND(0.00020) | - |
| Heptachlor           | mg/kg | 0.19  | - | ND(0.00020) | - |
| Heptachlor epoxide   | mg/kg | 0.05  | - | ND(0.00040) | - |
| Hexachlorobenzene    | mg/kg | 0.66  | - | ND(0.00050) | - |
| Hexachlorobutadiene  | mg/kg | 0.095 | - | ND(0.00050) | - |
| Hexachloroethane     | mg/kg | 0.43  | - | ND(0.00050) | - |
| Methoxychlor         | mg/kg | 1.6   | - | ND(0.00050) | - |
| Total DDD            | mg/kg | 4.6   | - | ND(0.00042) | - |
| Total DDE            | mg/kg | 0.65  | - | ND(0.00042) | - |
| Total DDT            | mg/kg | 1.4   | - | ND(0.00067) | - |

## Petroleum Hydrocarbons

|                                      |       |    |         |         |         |
|--------------------------------------|-------|----|---------|---------|---------|
| Chromatogram to baseline at nC50     | none  | -  | YES     | YES     | YES     |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65 | ND(5.0) | ND(5.0) | ND(5.0) |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65 | ND(5)   | ND(5)   | ND(5)   |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                                |                                           |                                               |
|-------------------------|------------------------------------------------|-------------------------------------------|-----------------------------------------------|
| <b>Sample Location:</b> | <b>MW25-14</b>                                 | <b>MW25-18</b>                            | <b>MW25-18</b>                                |
| <b>Sample ID:</b>       | <b>S-12669624-18/06/25-RB-MW25-14-7.5-9.5'</b> | <b>S-12669624-23/06/25-RB-MW25-18-0-2</b> | <b>S-12669624-23/06/25-RB-MW25-18-2.5-4.5</b> |
| <b>Sample Date:</b>     | <b>6/18/2025</b>                               | <b>6/23/2025</b>                          | <b>6/23/2025</b>                              |
| <b>Sample Depth:</b>    | <b>2.29-2.90</b>                               | <b>0.00-0.61</b>                          | <b>0.76-1.37</b>                              |
| <b>LAB_COAs:</b>        | <b>WT2516558</b>                               | <b>WT2516796</b>                          | <b>WT2516796</b>                              |

| <b>Table 2</b>                              |              |                     |           |           |           |
|---------------------------------------------|--------------|---------------------|-----------|-----------|-----------|
| <b>Parameters</b>                           | <b>Units</b> | <b>ICC Med/Fine</b> |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg        | 250                 | ND(10)    | ND(10)    | ND(10)    |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg        | 250                 | -         | ND(25)    | ND(25)    |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg        | 2500                | ND(50)    | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg        | 2500                | -         | ND(50)    | ND(50)    |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg        | 6600                | ND(50)    | ND(50)    | ND(50)    |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg        | -                   | ND(80)    | ND(80)    | ND(80)    |
| <b>General Chemistry</b>                    |              |                     |           |           |           |
| Acid volatile sulfide                       | mg/kg        | -                   | -         | -         | -         |
| Chloride (soluble)                          | mg/kg        | -                   | -         | -         | -         |
| Conductivity                                | mS/cm        | 1.4                 | 0.147     | 0.226     | 0.172     |
| Cyanide, weak acid dissociable              | mg/kg        | 0.051               | ND(0.050) | ND(0.050) | ND(0.050) |
| Moisture                                    | %            | -                   | 7.79      | 20.2      | 13.4      |
| Oxidation reduction potential (ORP)         | millivolts   | -                   | -         | -         | -         |
| pH, soluble (1:2)                           | s.u.         | (5-11) 5-9          | 7.96      | 6.32      | 7.59      |
| Resistivity                                 | ohm/cm       | -                   | -         | -         | -         |
| Sodium adsorption ratio (SAR)               | none         | 12                  | 0.20      | 1.05      | 0.47      |
| Sulfate (water soluble)                     | mg/kg        | -                   | -         | -         | -         |

**Footnotes:**

- 1) Analytical results are presented in milligram per kilogram (mg/kg).
- 2) ND() = Not detected at the associated reporting limit.
- 3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.
- 4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.
- 5) mS/cm = millisiemens per centimetres
- 6) Not Applicable



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

|                                    |            |            |            |
|------------------------------------|------------|------------|------------|
| MW25-18                            | TRIPBLANK  | TRIPBLANK  | TRIPBLANK  |
| S-12669624-23/06/25-RB-MW25-18-5-7 | TRIP BLANK | TRIP BLANK | TRIP BLANK |
| 6/23/2025                          | 6/18/2025  | 6/24/2025  | 6/25/2025  |
| 1.52-2.13                          | -          | -          | -          |
| WT2516796                          | WT2516558  | WT2516796  | WT2517131  |

Table 2

| Parameters | Units | ICC Med/Fine |
|------------|-------|--------------|
|------------|-------|--------------|

## Volatiles

|                                                      |       |       |            |            |            |            |
|------------------------------------------------------|-------|-------|------------|------------|------------|------------|
| 1,1,1,2-Tetrachloroethane                            | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,1-Trichloroethane                                | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2,2-Tetrachloroethane                            | mg/kg | 0.094 | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1,2-Trichloroethane                                | mg/kg | 0.11  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethane                                   | mg/kg | 0.6   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,1-Dichloroethene                                   | mg/kg | 0.48  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dibromoethane (Ethylene dibromide)               | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichlorobenzene                                  | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloroethane                                   | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,2-Dichloropropane                                  | mg/kg | 0.68  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,3-Dichlorobenzene                                  | mg/kg | 12    | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 1,4-Dichlorobenzene                                  | mg/kg | 0.57  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| 2-Butanone (Methyl ethyl ketone) (MEK)               | mg/kg | 88    | ND(0.50)   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK) | mg/kg | 210   | ND(0.50)   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Acetone                                              | mg/kg | 28    | ND(0.50)   | ND(0.50)   | ND(0.50)   | ND(0.50)   |
| Benzene                                              | mg/kg | 0.4   | ND(0.0050) | ND(0.0050) | ND(0.0050) | ND(0.0050) |
| Bromodichloromethane                                 | mg/kg | 1.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromoform                                            | mg/kg | 1.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Bromomethane (Methyl bromide)                        | mg/kg | 0.05  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Carbon tetrachloride                                 | mg/kg | 0.71  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chlorobenzene                                        | mg/kg | 2.7   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Chloroform (Trichloromethane)                        | mg/kg | 0.18  | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,2-Dichloroethene                               | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| cis-1,3-Dichloropropene                              | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene    | mg/kg | 0.081 | ND(0.05)   | ND(0.05)   | ND(0.05)   | ND(0.05)   |
| Dibromochloromethane                                 | mg/kg | 2.9   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Dichlorodifluoromethane (CFC-12)                     | mg/kg | 25    | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Ethylbenzene                                         | mg/kg | 1.6   | ND(0.015)  | ND(0.015)  | ND(0.015)  | ND(0.015)  |
| Hexane                                               | mg/kg | 88    | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| m&p-Xylenes                                          | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Methyl tert butyl ether (MTBE)                       | mg/kg | 2.3   | ND(0.040)  | ND(0.040)  | ND(0.040)  | ND(0.040)  |
| Methylene chloride                                   | mg/kg | 2     | ND(0.045)  | ND(0.045)  | ND(0.045)  | ND(0.045)  |
| o-Xylene                                             | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Styrene                                              | mg/kg | 43    | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Tetrachloroethene                                    | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Toluene                                              | mg/kg | 9     | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| Total BTEX                                           | mg/kg | -     | ND(0.1)    | ND(0.1)    | ND(0.1)    | ND(0.1)    |
| trans-1,2-Dichloroethene                             | mg/kg | 2.5   | ND(0.050)  | ND(0.050)  | ND(0.050)  | ND(0.050)  |
| trans-1,3-Dichloropropene                            | mg/kg | -     | ND(0.030)  | ND(0.030)  | ND(0.030)  | ND(0.030)  |
| Trichloroethene                                      | mg/kg | 0.61  | ND(0.010)  | ND(0.010)  | ND(0.010)  | ND(0.010)  |

Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-18  
S-12669624-23/06/25-RB-MW25-18-5-7  
6/23/2025  
1.52-2.13  
WT2516796

TRIPBLANK  
TRIP BLANK  
6/18/2025  
-  
WT2516558

TRIPBLANK  
TRIP BLANK  
6/24/2025  
-  
WT2516796

TRIPBLANK  
TRIP BLANK  
6/25/2025  
-  
WT2517131

Table 2

| Parameters                                | Units | ICC Med/Fine |            |           |           |           |
|-------------------------------------------|-------|--------------|------------|-----------|-----------|-----------|
| Trichlorofluoromethane (CFC-11)           | mg/kg | 5.8          | ND(0.050)  | ND(0.050) | ND(0.050) | ND(0.050) |
| Vinyl chloride                            | mg/kg | 0.25         | ND(0.020)  | ND(0.020) | ND(0.020) | ND(0.020) |
| Xylenes (total)                           | mg/kg | 30           | ND(0.05)   | ND(0.05)  | ND(0.05)  | ND(0.05)  |
| <b>PAHs</b>                               |       |              |            |           |           |           |
| 1-Methylnaphthalene                       | mg/kg | 42           | -          | -         | -         | -         |
| 1-Methylnaphthalene/2-Methylnaphthalene   | mg/kg | 42           | -          | -         | -         | -         |
| 2-Methylnaphthalene                       | mg/kg | 42           | -          | -         | -         | -         |
| Acenaphthene                              | mg/kg | 29           | -          | -         | -         | -         |
| Acenaphthylene                            | mg/kg | 0.17         | -          | -         | -         | -         |
| Anthracene                                | mg/kg | 0.74         | -          | -         | -         | -         |
| Benzo(a)anthracene                        | mg/kg | 0.96         | -          | -         | -         | -         |
| Benzo(a)pyrene                            | mg/kg | 0.3          | -          | -         | -         | -         |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene | mg/kg | 0.96         | -          | -         | -         | -         |
| Benzo(g,h,i)perylene                      | mg/kg | 9.6          | -          | -         | -         | -         |
| Benzo(k)fluoranthene                      | mg/kg | 0.96         | -          | -         | -         | -         |
| Chrysene                                  | mg/kg | 9.6          | -          | -         | -         | -         |
| Dibenz(a,h)anthracene                     | mg/kg | 0.1          | -          | -         | -         | -         |
| Fluoranthene                              | mg/kg | 9.6          | -          | -         | -         | -         |
| Fluorene                                  | mg/kg | 69           | -          | -         | -         | -         |
| Indeno(1,2,3-cd)pyrene                    | mg/kg | 0.95         | -          | -         | -         | -         |
| Naphthalene                               | mg/kg | 28           | -          | -         | -         | -         |
| Phenanthrene                              | mg/kg | 16           | -          | -         | -         | -         |
| Pyrene                                    | mg/kg | 96           | -          | -         | -         | -         |
| <b>Metals</b>                             |       |              |            |           |           |           |
| Antimony                                  | mg/kg | 50           | 0.32       | -         | -         | -         |
| Arsenic                                   | mg/kg | 18           | 4.60       | -         | -         | -         |
| Barium                                    | mg/kg | 670          | 179        | -         | -         | -         |
| Beryllium                                 | mg/kg | 10           | 0.83       | -         | -         | -         |
| Boron                                     | mg/kg | 120          | 27.8       | -         | -         | -         |
| Boron (hot water soluble)                 | mg/kg | 2            | 0.63       | -         | -         | -         |
| Cadmium                                   | mg/kg | 1.9          | 0.098      | -         | -         | -         |
| Chromium                                  | mg/kg | 160          | 22.6       | -         | -         | -         |
| Chromium VI (hexavalent)                  | mg/kg | 10           | ND(0.10)   | -         | -         | -         |
| Cobalt                                    | mg/kg | 100          | 13.5       | -         | -         | -         |
| Copper                                    | mg/kg | 300          | 19.0       | -         | -         | -         |
| Lead                                      | mg/kg | 120          | 14.0       | -         | -         | -         |
| Mercury                                   | mg/kg | 20           | ND(0.0050) | -         | -         | -         |
| Molybdenum                                | mg/kg | 40           | 1.30       | -         | -         | -         |
| Nickel                                    | mg/kg | 340          | 28.4       | -         | -         | -         |
| Selenium                                  | mg/kg | 5.5          | ND(0.20)   | -         | -         | -         |



Table 4A

## Summary of Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

## Sample Location:

Sample ID:

Sample Date:

Sample Depth:

LAB\_COAs:

MW25-18  
S-12669624-23/06/25-RB-MW25-18-5-7  
6/23/2025  
1.52-2.13  
WT2516796

TRIPBLANK  
TRIP BLANK  
6/18/2025  
-  
WT2516558

TRIPBLANK  
TRIP BLANK  
6/24/2025  
-  
WT2516796

TRIPBLANK  
TRIP BLANK  
6/25/2025  
-  
WT2517131

Table 2  
ICC Med/Fine

## Parameters

## Units

|          |       |     |          |   |   |   |
|----------|-------|-----|----------|---|---|---|
| Silver   | mg/kg | 50  | ND(0.10) | - | - | - |
| Thallium | mg/kg | 3.3 | 0.105    | - | - | - |
| Uranium  | mg/kg | 33  | 0.842    | - | - | - |
| Vanadium | mg/kg | 86  | 30.0     | - | - | - |
| Zinc     | mg/kg | 340 | 63.0     | - | - | - |

## SAR Metals

|                     |      |   |      |   |   |   |
|---------------------|------|---|------|---|---|---|
| Calcium (soluble)   | mg/L | - | 3.13 | - | - | - |
| Magnesium (soluble) | mg/L | - | 1.44 | - | - | - |
| Sodium (soluble)    | mg/L | - | 5.45 | - | - | - |

## Pesticides

|                      |       |       |   |   |   |   |
|----------------------|-------|-------|---|---|---|---|
| 2,4'-DDD             | mg/kg | -     | - | - | - | - |
| 2,4'-DDE             | mg/kg | -     | - | - | - | - |
| 2,4'-DDT             | mg/kg | -     | - | - | - | - |
| 4,4'-DDD             | mg/kg | -     | - | - | - | - |
| 4,4'-DDE             | mg/kg | -     | - | - | - | - |
| 4,4'-DDT             | mg/kg | -     | - | - | - | - |
| Aldrin               | mg/kg | 0.11  | - | - | - | - |
| alpha-Chlordane      | mg/kg | -     | - | - | - | - |
| Chlordane            | mg/kg | 0.05  | - | - | - | - |
| Chlordane, technical | mg/kg | -     | - | - | - | - |
| Dieldrin             | mg/kg | 0.11  | - | - | - | - |
| Endosulfan           | mg/kg | 0.38  | - | - | - | - |
| Endosulfan I         | mg/kg | -     | - | - | - | - |
| Endosulfan II        | mg/kg | -     | - | - | - | - |
| Endrin               | mg/kg | 0.04  | - | - | - | - |
| gamma-BHC (lindane)  | mg/kg | 0.063 | - | - | - | - |
| Heptachlor           | mg/kg | 0.19  | - | - | - | - |
| Heptachlor epoxide   | mg/kg | 0.05  | - | - | - | - |
| Hexachlorobenzene    | mg/kg | 0.66  | - | - | - | - |
| Hexachlorobutadiene  | mg/kg | 0.095 | - | - | - | - |
| Hexachloroethane     | mg/kg | 0.43  | - | - | - | - |
| Methoxychlor         | mg/kg | 1.6   | - | - | - | - |
| Total DDD            | mg/kg | 4.6   | - | - | - | - |
| Total DDE            | mg/kg | 0.65  | - | - | - | - |
| Total DDT            | mg/kg | 1.4   | - | - | - | - |

## Petroleum Hydrocarbons

|                                      |       |    |         |         |         |         |
|--------------------------------------|-------|----|---------|---------|---------|---------|
| Chromatogram to baseline at nC50     | none  | -  | YES     | -       | -       | -       |
| Petroleum hydrocarbons F1 (C6-C10)   | mg/kg | 65 | ND(5.0) | ND(5.0) | ND(5.0) | ND(5.0) |
| Petroleum hydrocarbons F1 minus BTEX | mg/kg | 65 | ND(5)   | ND(5)   | ND(5)   | ND(5)   |

Table 4A

Summary of Soil Analytical Results  
Phase Two ESA  
Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                  |                                    |            |            |            |
|------------------|------------------------------------|------------|------------|------------|
| Sample Location: | MW25-18                            | TRIPBLANK  | TRIPBLANK  | TRIPBLANK  |
| Sample ID:       | S-12669624-23/06/25-RB-MW25-18-5-7 | TRIP BLANK | TRIP BLANK | TRIP BLANK |
| Sample Date:     | 6/23/2025                          | 6/18/2025  | 6/24/2025  | 6/25/2025  |
| Sample Depth:    | 1.52-2.13                          | -          | -          | -          |
| LAB_COAs:        | WT2516796                          | WT2516558  | WT2516796  | WT2517131  |

|                                             |            | Table 2      |           |          |          |          |
|---------------------------------------------|------------|--------------|-----------|----------|----------|----------|
| Parameters                                  | Units      | ICC Med/Fine |           |          |          |          |
| Petroleum hydrocarbons F2 (C10-C16)         | mg/kg      | 250          | ND(10)    | -        | -        | -        |
| Petroleum hydrocarbons F2 minus Naphthalene | mg/kg      | 250          | -         | -        | -        | -        |
| Petroleum hydrocarbons F3 (C16-C34)         | mg/kg      | 2500         | ND(50)    | -        | -        | -        |
| Petroleum hydrocarbons F3 minus PAH         | mg/kg      | 2500         | -         | -        | -        | -        |
| Petroleum hydrocarbons F4 (C34-C50)         | mg/kg      | 6600         | ND(50)    | -        | -        | -        |
| Total Petroleum Hydrocarbons (C6-C50)       | mg/kg      | -            | ND(80)    | -        | -        | -        |
| General Chemistry                           |            |              |           |          |          |          |
| Acid volatile sulfide                       | mg/kg      | -            | -         | -        | -        | -        |
| Chloride (soluble)                          | mg/kg      | -            | -         | -        | -        | -        |
| Conductivity                                | mS/cm      | 1.4          | 0.162     | -        | -        | -        |
| Cyanide, weak acid dissociable              | mg/kg      | 0.051        | ND(0.050) | -        | -        | -        |
| Moisture                                    | %          | -            | 7.61      | ND(0.25) | ND(0.25) | ND(0.25) |
| Oxidation reduction potential (ORP)         | millivolts | -            | -         | -        | -        | -        |
| pH, soluble (1:2)                           | s.u.       | (5-11) 5-9   | 7.86      | -        | -        | -        |
| Resistivity                                 | ohm/cm     | -            | -         | -        | -        | -        |
| Sodium adsorption ratio (SAR)               | none       | 12           | 0.64      | -        | -        | -        |
| Sulfate (water soluble)                     | mg/kg      | -            | -         | -        | -        | -        |

Footnotes:

1) Analytical results are presented in milligram per kilogram (mg/kg).

2) ND() = Not detected at the associated reporting limit.

3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.

4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable GroundWater Condition, Industrial, Commercial, Community Property Use for medium-fine textured.

5) mS/cm = millisiemens per centimetres

6) Not Applicable

| Summary of Soil Maximum Concentrations                                                                            |       |              |                   |                                        |                 |             |                      |           |
|-------------------------------------------------------------------------------------------------------------------|-------|--------------|-------------------|----------------------------------------|-----------------|-------------|----------------------|-----------|
| Phase Two ESA                                                                                                     |       |              |                   |                                        |                 |             |                      |           |
| Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario |       |              |                   |                                        |                 |             |                      |           |
| Infrastructure Ontario                                                                                            |       |              |                   |                                        |                 |             |                      |           |
| Table 2                                                                                                           |       |              |                   |                                        |                 |             |                      |           |
| Parameters                                                                                                        | Units | ICC Med/Fine | Max Concentration | Sample ID                              | Sample Location | Sample Date | Sample Depth (m BGS) | LAB_COAs  |
| Volatiles                                                                                                         |       |              |                   |                                        |                 |             |                      |           |
| 1,1,1,2-Tetrachloroethane                                                                                         | mg/kg | 0.11         | ND(0.050)         |                                        |                 |             |                      |           |
| 1,1,1-Trichloroethane                                                                                             | mg/kg | 12           | ND(0.050)         |                                        |                 |             |                      |           |
| 1,1,2,2-Tetrachloroethane                                                                                         | mg/kg | 0.094        | ND(0.050)         |                                        |                 |             |                      |           |
| 1,1,2-Trichloroethane                                                                                             | mg/kg | 0.11         | ND(0.050)         |                                        |                 |             |                      |           |
| 1,1-Dichloroethane                                                                                                | mg/kg | 0.6          | ND(0.050)         |                                        |                 |             |                      |           |
| 1,1-Dichloroethene                                                                                                | mg/kg | 0.48         | ND(0.050)         |                                        |                 |             |                      |           |
| 1,2-Dibromoethane (Ethylene dibromide)                                                                            | mg/kg | 0.05         | ND(0.050)         |                                        |                 |             |                      |           |
| 1,2-Dichlorobenzene                                                                                               | mg/kg | 1.7          | ND(0.050)         |                                        |                 |             |                      |           |
| 1,2-Dichloroethane                                                                                                | mg/kg | 0.05         | ND(0.050)         |                                        |                 |             |                      |           |
| 1,2-Dichloropropane                                                                                               | mg/kg | 0.68         | ND(0.050)         |                                        |                 |             |                      |           |
| 1,3-Dichlorobenzene                                                                                               | mg/kg | 12           | ND(0.050)         |                                        |                 |             |                      |           |
| 1,4-Dichlorobenzene                                                                                               | mg/kg | 0.57         | ND(0.050)         |                                        |                 |             |                      |           |
| 2-Butanone (Methyl ethyl ketone) (MEK)                                                                            | mg/kg | 88           | ND(0.50)          |                                        |                 |             |                      |           |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)                                                              | mg/kg | 210          | ND(0.50)          |                                        |                 |             |                      |           |
| Acetone                                                                                                           | mg/kg | 28           | ND(0.50)          |                                        |                 |             |                      |           |
| Benzene                                                                                                           | mg/kg | 0.4          | ND(0.0050)        |                                        |                 |             |                      |           |
| Bromodichloromethane                                                                                              | mg/kg | 1.9          | ND(0.050)         |                                        |                 |             |                      |           |
| Bromoform                                                                                                         | mg/kg | 1.7          | ND(0.050)         |                                        |                 |             |                      |           |
| Bromomethane (Methyl bromide)                                                                                     | mg/kg | 0.05         | ND(0.050)         |                                        |                 |             |                      |           |
| Carbon tetrachloride                                                                                              | mg/kg | 0.71         | ND(0.050)         |                                        |                 |             |                      |           |
| Chlorobenzene                                                                                                     | mg/kg | 2.7          | ND(0.050)         |                                        |                 |             |                      |           |
| Chloroform (Trichloromethane)                                                                                     | mg/kg | 0.18         | ND(0.050)         |                                        |                 |             |                      |           |
| cis-1,2-Dichloroethene                                                                                            | mg/kg | 2.5          | ND(0.050)         |                                        |                 |             |                      |           |
| cis-1,3-Dichloropropene                                                                                           | mg/kg | -            | ND(0.030)         |                                        |                 |             |                      |           |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene                                                                 | mg/kg | 0.081        | ND(0.05)          |                                        |                 |             |                      |           |
| Dibromochloromethane                                                                                              | mg/kg | 2.9          | ND(0.050)         |                                        |                 |             |                      |           |
| Dichlorodifluoromethane (CFC-12)                                                                                  | mg/kg | 25           | ND(0.050)         |                                        |                 |             |                      |           |
| Ethylbenzene                                                                                                      | mg/kg | 1.6          | ND(0.015)         |                                        |                 |             |                      |           |
| Hexane                                                                                                            | mg/kg | 88           | ND(0.050)         |                                        |                 |             |                      |           |
| m&p-Xylenes                                                                                                       | mg/kg | -            | ND(0.030)         |                                        |                 |             |                      |           |
| Methyl tert butyl ether (MTBE)                                                                                    | mg/kg | 2.3          | ND(0.040)         |                                        |                 |             |                      |           |
| Methylene chloride                                                                                                | mg/kg | 2            | ND(0.045)         |                                        |                 |             |                      |           |
| o-Xylene                                                                                                          | mg/kg | -            | ND(0.030)         |                                        |                 |             |                      |           |
| Styrene                                                                                                           | mg/kg | 43           | ND(0.050)         |                                        |                 |             |                      |           |
| Tetrachloroethene                                                                                                 | mg/kg | 2.5          | ND(0.050)         |                                        |                 |             |                      |           |
| Toluene                                                                                                           | mg/kg | 9            | ND(0.050)         |                                        |                 |             |                      |           |
| Total BTEX                                                                                                        | mg/kg | -            | ND(0.1)           |                                        |                 |             |                      |           |
| trans-1,2-Dichloroethene                                                                                          | mg/kg | 2.5          | ND(0.050)         |                                        |                 |             |                      |           |
| trans-1,3-Dichloropropene                                                                                         | mg/kg | -            | ND(0.030)         |                                        |                 |             |                      |           |
| Trichloroethene                                                                                                   | mg/kg | 0.61         | ND(0.010)         |                                        |                 |             |                      |           |
| Trichlorofluoromethane (CFC-11)                                                                                   | mg/kg | 5.8          | ND(0.050)         |                                        |                 |             |                      |           |
| Vinyl chloride                                                                                                    | mg/kg | 0.25         | ND(0.020)         |                                        |                 |             |                      |           |
| Xylenes (total)                                                                                                   | mg/kg | 30           | ND(0.05)          |                                        |                 |             |                      |           |
| PAHs                                                                                                              |       |              |                   |                                        |                 |             |                      |           |
| 1-Methylnaphthalene                                                                                               | mg/kg | 42           | ND(0.030)         |                                        |                 |             |                      |           |
| 1-Methylnaphthalene/2-Methylnaphthalene                                                                           | mg/kg | 42           | ND(0.05)          |                                        |                 |             |                      |           |
| 2-Methylnaphthalene                                                                                               | mg/kg | 42           | ND(0.030)         |                                        |                 |             |                      |           |
| Acenaphthene                                                                                                      | mg/kg | 29           | ND(0.050)         |                                        |                 |             |                      |           |
| Acenaphthylene                                                                                                    | mg/kg | 0.17         | ND(0.050)         |                                        |                 |             |                      |           |
| Anthracene                                                                                                        | mg/kg | 0.74         | ND(0.050)         |                                        |                 |             |                      |           |
| Benzo(a)anthracene                                                                                                | mg/kg | 0.96         | ND(0.050)         |                                        |                 |             |                      |           |
| Benzo(a)pyrene                                                                                                    | mg/kg | 0.3          | ND(0.050)         |                                        |                 |             |                      |           |
| Benzo(b)fluoranthene/Benzo(j)fluoranthene                                                                         | mg/kg | 0.96         | ND(0.050)         |                                        |                 |             |                      |           |
| Benzo(g,h,i)perylene                                                                                              | mg/kg | 9.6          | ND(0.050)         |                                        |                 |             |                      |           |
| Benzo(k)fluoranthene                                                                                              | mg/kg | 0.96         | ND(0.050)         |                                        |                 |             |                      |           |
| Chrysene                                                                                                          | mg/kg | 9.6          | ND(0.050)         |                                        |                 |             |                      |           |
| Dibenz(a,h)anthracene                                                                                             | mg/kg | 0.1          | ND(0.050)         |                                        |                 |             |                      |           |
| Fluoranthene                                                                                                      | mg/kg | 9.6          | ND(0.050)         |                                        |                 |             |                      |           |
| Fluorene                                                                                                          | mg/kg | 69           | ND(0.050)         |                                        |                 |             |                      |           |
| Indeno(1,2,3-cd)pyrene                                                                                            | mg/kg | 0.95         | ND(0.050)         |                                        |                 |             |                      |           |
| Naphthalene                                                                                                       | mg/kg | 28           | ND(0.010)         |                                        |                 |             |                      |           |
| Phenanthrene                                                                                                      | mg/kg | 16           | ND(0.050)         |                                        |                 |             |                      |           |
| Pyrene                                                                                                            | mg/kg | 96           | ND(0.050)         |                                        |                 |             |                      |           |
| Metals                                                                                                            |       |              |                   |                                        |                 |             |                      |           |
| Antimony                                                                                                          | mg/kg | 50           | 0.44              | S-12669624-19/06/25-RB-BH25-03-5-7'    | BH25-03         | 6/19/2025   | 1.52-2.13            | WT2516558 |
| Arsenic                                                                                                           | mg/kg | 18           | 7.03              | S-12669624-250625-RB-BH25-16-7.5'-9.5' | BH25-16         | 6/25/2025   | 2.29-2.90            | WT2517131 |
| Barium                                                                                                            | mg/kg | 670          | 252               | S-12669624-260625-RB-BH25-04-0'-2'     | BH25-04         | 6/26/2025   | 0.00-0.61            | WT2517131 |
| Beryllium                                                                                                         | mg/kg | 10           | 1.23              | S-12669624-260625-RB-BH25-04-0'-2'     | BH25-04         | 6/26/2025   | 0.00-0.61            | WT2517131 |
| Boron                                                                                                             | mg/kg | 120          | 37.4              | S-12669624-260625-RB-BH25-09-5'-7'     | BH25-09         | 6/26/2025   | 1.52-2.13            | WT2517131 |
| Boron (hot water soluble)                                                                                         | mg/kg | 2            | 1.03              | S-12669624-23/06/25-RB-MW25-18-0-2     | MW25-18         | 6/23/2025   | 0.00-0.61            | WT2516796 |
| Cadmium                                                                                                           | mg/kg | 1.9          | 0.49              | S-12669624-260625-RB-BH25-01-0'-2'     | BH25-01         | 6/26/2025   | 0.00-0.61            | WT2517131 |
| Chromium                                                                                                          | mg/kg | 160          | 34.5              | S-12669624-270625-RB-BH25-02-0'-2'     | BH25-02         | 6/27/2025   | 0.00-0.61            | WT2517131 |
| Chromium VI (hexavalent)                                                                                          | mg/kg | 10           | 0.65              | S-12669624-270625-RB-BH25-02-0'-2'     | BH25-02         | 6/27/2025   | 0.00-0.61            | WT2517131 |
| Cobalt                                                                                                            | mg/kg | 100          | 17.7              | S-12669624-250625-RB-BH25-16-7.5'-9.5' | BH25-16         | 6/25/2025   | 2.29-2.90            | WT2517131 |
| Copper                                                                                                            | mg/kg | 300          | 38.7              | S-12669624-24/06/25-RB-BH25-17.5-7     | BH25-17         | 6/24/2025   | 1.52-2.13            | WT2516796 |
| Lead                                                                                                              | mg/kg | 120          | 21.3              | S-12669624-23/06/25-RB-MW25-18-0-2     | MW25-18         | 6/23/2025   | 0.00-0.61            | WT2516796 |
| Mercury                                                                                                           | mg/kg | 20           | 0.0542            | S-12669624-19/06/25-RB-BH25-03-0'-2'   | BH25-03         | 6/19/2025   | 0.00-0.61            | WT2516558 |
| Molybdenum                                                                                                        | mg/kg | 40           | 1.66              | S-12669624-260625-RB-DUP 8             | BH25-04         | 6/26/2025   | 0.76-1.37            | WT2517131 |
| Nickel                                                                                                            | mg/kg | 340          | 34.8              | S-12669624-250625-RB-BH25-16-7.5'-9.5' | BH25-16         | 6/25/2025   | 2.29-2.90            | WT2517131 |
| Selenium                                                                                                          | mg/kg | 5.5          | 0.61              | S-12669624-23/06/25-RB-MW25-18-0-2     | MW25-18         | 6/23/2025   | 0.00-0.61            | WT2516796 |
| Silver                                                                                                            | mg/kg | 50           | 0.22              | S-12669624-260625-RB-BH25-01-0'-2'     | BH25-01         | 6/26/2025   | 0.00-0.61            | WT2517131 |
| Thallium                                                                                                          | mg/kg | 3.3          | 0.223             | S-12669624-270625-RB-BH25-02-0'-2'     | BH25-02         | 6/27/2025   | 0.00-0.61            | WT2517131 |
| Uranium                                                                                                           | mg/kg | 33           | 1.93              | S-12669624-23/06/25-RB-MW25-18-0-2     | MW25-18         | 6/23/2025   | 0.00-0.61            | WT2516796 |
| Vanadium                                                                                                          | mg/kg | 86           | 50.1              | S-12669624-260625-RB-BH25-04-0'-2'     | BH25-04         | 6/26/2025   | 0.00-0.61            | WT2517131 |
| Zinc                                                                                                              | mg/kg | 340          | 107               | S-12669624-23/06/25-RB-MW25-18-0-2     | MW25-18         | 6/23/2025   | 0.00-0.61            | WT2516796 |

| Summary of Soil Maximum Concentrations                                                                            |            |            |             |                                         |         |           |           |           |
|-------------------------------------------------------------------------------------------------------------------|------------|------------|-------------|-----------------------------------------|---------|-----------|-----------|-----------|
| Phase Two ESA                                                                                                     |            |            |             |                                         |         |           |           |           |
| Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario |            |            |             |                                         |         |           |           |           |
| Infrastructure Ontario                                                                                            |            |            |             |                                         |         |           |           |           |
| SAR Metals                                                                                                        |            |            |             |                                         |         |           |           |           |
| Calcium (soluble)                                                                                                 | mg/L       | -          | 21.6        | S-12669624-20/06/25-RB-MW25-11-0-2'     | MW25-11 | 6/20/2025 | 0.00-0.61 | WT2516558 |
| Magnesium (soluble)                                                                                               | mg/L       | -          | 13.2        | S-12669624-19/06/25-RB-MW25-08-0-2'     | MW25-08 | 6/19/2025 | 0.00-0.61 | WT2516558 |
| Sodium (soluble)                                                                                                  | mg/L       | -          | 20.4        | S-12669624-250625-RB-BH25-12-2.5'-4.5'  | BH25-12 | 6/25/2025 | 0.76-1.37 | WT2517131 |
| Pesticides                                                                                                        |            |            |             |                                         |         |           |           |           |
| 2,4'-DDD                                                                                                          | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| 2,4'-DDE                                                                                                          | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| 2,4'-DDT                                                                                                          | mg/kg      | -          | ND(0.00300) |                                         |         |           |           |           |
| 4,4'-DDD                                                                                                          | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| 4,4'-DDE                                                                                                          | mg/kg      | -          | 0.0017      | S-12669624-19/06/25-RB-BH25-03-0-2'     | BH25-03 | 6/19/2025 | 0.00-0.61 | WT2516558 |
| 4,4'-DDT                                                                                                          | mg/kg      | -          | 0.00046     | S-12669624-250625-RB-BH25-12-0'-2'      | BH25-12 | 6/25/2025 | 0.00-0.61 | WT2517131 |
| Aldrin                                                                                                            | mg/kg      | 0.11       | ND(0.00196) |                                         |         |           |           |           |
| alpha-Chlordane                                                                                                   | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| Chlordane                                                                                                         | mg/kg      | 0.05       | ND(0.00277) |                                         |         |           |           |           |
| Chlordane, technical                                                                                              | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| Dieldrin                                                                                                          | mg/kg      | 0.11       | ND(0.00196) |                                         |         |           |           |           |
| Endosulfan                                                                                                        | mg/kg      | 0.38       | ND(0.00277) |                                         |         |           |           |           |
| Endosulfan I                                                                                                      | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| Endosulfan II                                                                                                     | mg/kg      | -          | ND(0.00196) |                                         |         |           |           |           |
| Endrin                                                                                                            | mg/kg      | 0.04       | ND(0.00196) |                                         |         |           |           |           |
| gamma-BHC (lindane)                                                                                               | mg/kg      | 0.063      | ND(0.00196) |                                         |         |           |           |           |
| Heptachlor                                                                                                        | mg/kg      | 0.19       | ND(0.00196) |                                         |         |           |           |           |
| Heptachlor epoxide                                                                                                | mg/kg      | 0.05       | ND(0.00196) |                                         |         |           |           |           |
| Hexachlorobenzene                                                                                                 | mg/kg      | 0.66       | ND(0.00196) |                                         |         |           |           |           |
| Hexachlorobutadiene                                                                                               | mg/kg      | 0.095      | ND(0.00196) |                                         |         |           |           |           |
| Hexachloroethane                                                                                                  | mg/kg      | 0.43       | ND(0.00196) |                                         |         |           |           |           |
| Methoxychlor                                                                                                      | mg/kg      | 1.6        | ND(0.00500) |                                         |         |           |           |           |
| Total DDD                                                                                                         | mg/kg      | 4.6        | ND(0.00277) |                                         |         |           |           |           |
| Total DDE                                                                                                         | mg/kg      | 0.65       | 0.0017      | S-12669624-19/06/25-RB-BH25-03-0-2'     | BH25-03 | 6/19/2025 | 0.00-0.61 | WT2516558 |
| Total DDT                                                                                                         | mg/kg      | 1.4        | 0.00046     | S-12669624-250625-RB-BH25-12-0'-2'      | BH25-12 | 6/25/2025 | 0.00-0.61 | WT2517131 |
| Petroleum Hydrocarbons                                                                                            |            |            |             |                                         |         |           |           |           |
| Chromatogram to baseline at nC50                                                                                  | none       | -          |             |                                         |         |           |           |           |
| Petroleum hydrocarbons F1 (C6-C10)                                                                                | mg/kg      | 65         | ND(5.0)     |                                         |         |           |           |           |
| Petroleum hydrocarbons F1 minus BTEX                                                                              | mg/kg      | 65         | ND(5)       |                                         |         |           |           |           |
| Petroleum hydrocarbons F2 (C10-C16)                                                                               | mg/kg      | 250        | ND(10)      |                                         |         |           |           |           |
| Petroleum hydrocarbons F2 minus Naphthalene                                                                       | mg/kg      | 250        | ND(25)      |                                         |         |           |           |           |
| Petroleum hydrocarbons F3 (C16-C34)                                                                               | mg/kg      | 2500       | ND(50)      |                                         |         |           |           |           |
| Petroleum hydrocarbons F3 minus PAH                                                                               | mg/kg      | 2500       | ND(50)      |                                         |         |           |           |           |
| Petroleum hydrocarbons F4 (C34-C50)                                                                               | mg/kg      | 6600       | ND(50)      |                                         |         |           |           |           |
| Total Petroleum Hydrocarbons (C6-C50)                                                                             | mg/kg      | -          | ND(80)      |                                         |         |           |           |           |
| General Chemistry                                                                                                 |            |            |             |                                         |         |           |           |           |
| Acid volatile sulfide                                                                                             | mg/kg      | -          | 1.27        | S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17 | 6/24/2025 | 0.76-1.37 | WT2516796 |
| Chloride (soluble)                                                                                                | mg/kg      | -          | 15.6        | S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | MW25-07 | 6/20/2025 | 2.29-2.90 | WT2516558 |
| Conductivity                                                                                                      | mS/cm      | 1.4        | 0.36        | S-12669624-250625-RB-BH25-12-2.5'-4.5'  | BH25-12 | 6/25/2025 | 0.76-1.37 | WT2517131 |
| Cyanide, weak acid dissociable                                                                                    | mg/kg      | 0.051      | ND(0.050)   |                                         |         |           |           |           |
| Moisture                                                                                                          | %          | -          | 25.1        | S-12669624-260625-RB-BH25-04-5'-7"      | BH25-04 | 6/26/2025 | 1.52-2.13 | WT2517131 |
| Oxidation reduction potential (ORP)                                                                               | millivolts | -          | 310         | S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17 | 6/24/2025 | 0.76-1.37 | WT2516796 |
| pH, soluble (1:2)                                                                                                 | s.u.       | (5-11) 5-9 | 7.96        | S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | MW25-14 | 6/18/2025 | 2.29-2.90 | WT2516558 |
| Resistivity                                                                                                       | ohm/cm     | -          | 7630        | S-12669624-19/06/25-RB-BH25-03-5-7"     | BH25-03 | 6/19/2025 | 1.52-2.13 | WT2516558 |
| Sodium adsorption ratio (SAR)                                                                                     | none       | 12         | 1.3         | S-12669624-250625-RB-BH25-12-0'-2'      | BH25-12 | 6/25/2025 | 0.00-0.61 | WT2517131 |
| Sulfate (water soluble)                                                                                           | mg/kg      | -          | 160         | S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17 | 6/24/2025 | 0.76-1.37 | WT2516796 |

**Footnotes:**  
1) Analytical results are presented in milligram per kilogram (mg/kg).  
2) ND() = Not detected at the associated reporting limit.  
3) J = Estimated concentraion, J+ = The result is an estimated quantity, but the result may be biased high.  
4) Shading and bold text indicates the concentration exceeded the 2011 MECP Table 2 ICC: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, Industrial, Commercial, Community Property Use for medium-fine textured soils.  
5) mS/cm = millisiemens per centimetres  
6) - = Not applicable



Table 4C

Summary of Leachate Soil Analytical Results  
Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                  |  |  |  |  |  |                                    |                                    |                                      |
|------------------|--|--|--|--|--|------------------------------------|------------------------------------|--------------------------------------|
| Sample Location: |  |  |  |  |  | BH25-04                            | BH25-09                            | BH25-17                              |
| Sample ID:       |  |  |  |  |  | S-12669624-260625-RB-BH25-04-5'-7' | S-12669624-260625-RB-BH25-09-0'-2' | S-12669624-24/06/25-RB-BH25-17-0'-2' |
| Sample Date:     |  |  |  |  |  | 6/26/2025                          | 6/26/2025                          | 6/24/2025                            |
| Sample Depth:    |  |  |  |  |  | 1.52-2.13                          | 0.00-0.61                          | 0.00-0.61                            |
| LAB_COA:         |  |  |  |  |  | WT2517131                          | WT2517131                          | WT2517899                            |
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Footnotes:

- 1) Analytical results are presented in micrograms per litre (ug/L).  
2) ND() = analyte was not detected at or above the detection limit  
3) - = not applicable  
4) Shading and bold text indicates the concentration exceeded the Generic Leachate Screening Levels for Excess Soil Reuse as indicated below.  
**(a) Table 1 RPI/ICC:** Full Depth Excess Soil Quality Standards in a Leachate (Residential, Parkland, Institutional Property Use) & (Industrial, Commercial, Community Property Use).  
**(b) Table 2.1 RPI:** Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition – Volume Independent (Residential, Parkland, Institutional Property Use).  
**(c) Table 2.1 ICC:** Tbl 2.1: Full Depth Excess Soil Quality Standards in a Potable Ground Water Condition – Volume Independent (Industrial, Commercial, Community Property Use).  
**(d) Table 3.1 RPI:** Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition – Volume Independent (Residential, Parkland, Institutional Property Use).  
**(e) Table 3.1 ICC:** Tbl 3.1: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition – Volume Independent (Industrial, Commercial, Community Property Use).

Table 4C

Summary of Leachate Soil Analytical Results  
Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                                                   |       |                                          |                       |                       |                       |                       |                                      |          |
|---------------------------------------------------|-------|------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------------------|----------|
| Sample Location:                                  |       | BH25-17                                  |                       |                       |                       |                       | BH25-17                              |          |
| Sample ID:                                        |       | S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' |                       |                       |                       |                       | S-12669624-24/06/25-RB-BH25-17-5'-7' |          |
| Sample Date:                                      |       | 6/24/2025                                |                       |                       |                       |                       | 6/24/2025                            |          |
| Sample Depth:                                     |       | 0.76-1.37                                |                       |                       |                       |                       | 1.52-2.13                            |          |
| LAB_COA:                                          |       | WT2517899                                |                       |                       |                       |                       | WT2517899                            |          |
| Parameters                                        | Units | Leachate<br>Table 1                      | Leachate<br>Table 2.1 | Leachate<br>Table 2.1 | Leachate<br>Table 3.1 | Leachate<br>Table 3.1 |                                      |          |
|                                                   |       | RPI/ICC<br>a                             | RPI<br>b              | ICC<br>c              | RPI<br>d              | ICC<br>e              |                                      |          |
| SPLP Volatiles                                    |       |                                          |                       |                       |                       |                       |                                      |          |
| 1,1,1,2-Tetrachloroethane                         | ug/L  | 0.5                                      | -                     | -                     | -                     | -                     | ND(0.50)                             | ND(0.50) |
| 1,1,2,2-Tetrachloroethane                         | ug/L  | 0.5                                      | 0.5                   | 0.5                   | -                     | -                     | ND(0.50)                             | ND(0.50) |
| 1,1,2-Trichloroethane                             | ug/L  | 0.5                                      | -                     | -                     | -                     | -                     | ND(0.50)                             | -        |
| 1,1-Dichloroethene                                | ug/L  | 0.5                                      | 0.5                   | 0.5                   | 0.5                   | 0.5                   | ND(0.50)                             | ND(0.50) |
| 1,2-Dichloroethane                                | ug/L  | 0.5                                      | 0.5                   | 0.5                   | -                     | -                     | ND(0.50)                             | ND(0.50) |
| 1,2-Dichloropropane                               | ug/L  | 0.5                                      | 0.5                   | 0.5                   | -                     | -                     | ND(0.50)                             | ND(0.50) |
| cis-1,2-Dichloroethene                            | ug/L  | 0.5                                      | 0.5                   | 0.5                   | -                     | -                     | ND(0.50)                             | ND(0.50) |
| cis-1,3-Dichloropropene                           | ug/L  | -                                        | -                     | -                     | -                     | -                     | ND(0.20)                             | ND(0.20) |
| cis-1,3-Dichloropropene/trans-1,3-Dichloropropene | ug/L  | 0.5                                      | -                     | -                     | -                     | -                     | ND(0.3)                              | ND(0.3)  |
| Tetrachloroethene                                 | ug/L  | 0.5                                      | 0.5                   | 0.5                   | 0.5                   | 0.5                   | ND(0.50)                             | ND(0.50) |
| trans-1,2-Dichloroethene                          | ug/L  | 0.5                                      | 0.5                   | 0.5                   | 0.5                   | 0.5                   | ND(0.50)                             | ND(0.50) |
| trans-1,3-Dichloropropene                         | ug/L  | -                                        | -                     | -                     | -                     | -                     | ND(0.20)                             | ND(0.20) |
| Trichloroethene                                   | ug/L  | 0.5                                      | 0.5                   | 0.5                   | 0.5                   | 0.5                   | ND(0.50)                             | ND(0.50) |
| SPLP Metals                                       |       |                                          |                       |                       |                       |                       |                                      |          |
| Molybdenum                                        | ug/L  | 23                                       | 23                    | 23                    | -                     | 1500                  | 1.44                                 | 1.55     |
| Silver                                            | ug/L  | 0.3                                      | 0.3                   | 0.3                   | 0.3                   | 0.3                   | ND(0.25)                             | ND(0.25) |
| Thallium                                          | ug/L  | 2                                        | 2                     | 2                     | -                     | 80                    | ND(0.50)                             | ND(0.50) |
| SPLP General Chemistry                            |       |                                          |                       |                       |                       |                       |                                      |          |
| Extraction fluid                                  | none  | -                                        | -                     | -                     | -                     | -                     | fluid #3                             | fluid #3 |
| Final pH                                          | s.u.  | -                                        | -                     | -                     | -                     | -                     | 9.19                                 | 9.39     |
| Initial pH                                        | s.u.  | -                                        | -                     | -                     | -                     | -                     | 9.32                                 | 9.62     |

**Footnotes:**  
1) Analytical results are presented in micrograms per litre (ug/L).  
2) ND() = analyte was not detected at or above the detection limit  
3) - = not applicable  
4) Shading and bold text indicates the concentration exceeded the Generic Leachate Screening Levels for Excess Soil Reuse as indicated below.  
**(a) Table 1 RPI/ICC:** Full Depth Excess Soil Quality Standards in a Leachate (Residential, Parkland, Institutional Property Use) & (Industrial, Commercial, Community Property Use).  
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**(d) Table 3.1 RPI:** Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition – Volume Independent (Residential, Parkland, Institutional Property Use).  
**(e) Table 3.1 ICC:** Tbl 3.1: Full Depth Generic Site Condition Standards in a Non-Potable Ground Water Condition – Volume Independent (Industrial, Commercial, Community Property Use).

## Summary of TCLP Soil Analytical Results

## Phase Two ESA

Proposed MECP-MLITSD Science Facility Complex, Oakville Land Assembly – William Halton Parkway, Oakville, Ontario  
Infrastructure Ontario

|                         |                                    |
|-------------------------|------------------------------------|
| <b>Sample Location:</b> | <b>TCLP</b>                        |
| <b>Sample ID:</b>       | <b>S-12669624-24/06/25-RB-TCLP</b> |
| <b>Sample Date:</b>     | <b>6/24/2025</b>                   |
| <b>LAB_COA:</b>         | <b>WT2516797</b>                   |

| Parameters                             | Units | TCLP    |            |
|----------------------------------------|-------|---------|------------|
| <b>TCLP Volatiles</b>                  |       |         |            |
| 1,1-Dichloroethene                     | mg/L  | 1.4     | ND(0.025)  |
| 1,2-Dichlorobenzene                    | mg/L  | 20      | ND(0.025)  |
| 1,2-Dichloroethane                     | mg/L  | 0.5     | ND(0.025)  |
| 1,4-Dichlorobenzene                    | mg/L  | 0.5     | ND(0.025)  |
| 2-Butanone (Methyl ethyl ketone) (MEK) | mg/L  | 200     | ND(0.10)   |
| Benzene                                | mg/L  | 0.5     | ND(0.0050) |
| Carbon tetrachloride                   | mg/L  | 0.5     | ND(0.025)  |
| Chlorobenzene                          | mg/L  | 8       | ND(0.025)  |
| Chloroform (Trichloromethane)          | mg/L  | 10      | ND(0.10)   |
| Methylene chloride                     | mg/L  | 5       | ND(0.10)   |
| Tetrachloroethene                      | mg/L  | 3       | ND(0.025)  |
| Trichloroethene                        | mg/L  | 5       | ND(0.025)  |
| Vinyl chloride                         | mg/L  | 0.2     | ND(0.050)  |
| <b>TCLP Metals</b>                     |       |         |            |
| Arsenic                                | mg/L  | 2.5     | ND(1.0)    |
| Barium                                 | mg/L  | 100     | ND(2.5)    |
| Boron                                  | mg/L  | 500     | ND(0.50)   |
| Cadmium                                | mg/L  | 0.5     | ND(0.050)  |
| Chromium                               | mg/L  | 5       | ND(0.25)   |
| Lead                                   | mg/L  | 5       | ND(0.25)   |
| Mercury                                | mg/L  | 0.1     | ND(0.0010) |
| Selenium                               | mg/L  | 1       | ND(0.10)   |
| Silver                                 | mg/L  | 5       | ND(0.050)  |
| Uranium                                | mg/L  | 10      | ND(0.20)   |
| <b>TCLP General Chemistry</b>          |       |         |            |
| Cyanide, weak acid dissociable         | mg/L  | 20      | ND(0.10)   |
| Final pH                               | s.u.  |         | 5.87       |
| Fluoride                               | mg/L  | 150     | ND(10)     |
| Nitrate (as N)                         | mg/L  |         | ND(5.0)    |
| Nitrite (as N)                         | mg/L  |         | ND(5.0)    |
| Nitrite/Nitrate                        | mg/L  | 1000.00 | ND(7.5)    |
| pH, TCLP Extraction fluid initial      | s.u.  |         | 2.86       |

## Footnotes:

ND - Not detected at the associated reporting limit.

mg/L - Milligrams per litre

mg/kg - Milligrams per kilograms

Ontario Regulation 558/00: General - Waste Management, Schedule 4, Leachate Quality Criteria.

# Appendices



# **Appendix A**

## **Sampling and Analysis Plan**

## Appendix A – Sampling and Analysis Plan

### Field Preparation

Upon project initiation, a Site-specific Health and Safety Plan (HASP) will be developed by GHD for implementation during the field investigation program. The HASP will present the visually observed Site conditions and identify potential physical and chemical hazards to field personnel. Any required personal protective equipment, equipment/personnel decontamination procedures, and environmental monitoring requirements would be listed in the HASP.

Prior to the advancement of the boreholes, GHD will contact local utility companies to locate all buried utility lines or services (i.e., water, gas or pressurized air pipes, communication lines, etc.). If any test-hole location corresponds to a buried underground utility, it will be relocated. It is assumed that IO will provide appropriate access to the project Site and the borehole locations for the drilling equipment.

GHD will also retain a qualified private locating contractor to demarcate utilities in the area of each proposed investigative location. It is understood that the Site as-built service line drawings will be provided to GHD and its private locator prior to the drilling work.

### Field Activities

The Phase Two ESA will be undertaken concurrently with other due diligence work such as a Geotechnical Investigation and Hydrogeological Assessment. As per the IO's 2022 P3 guidelines, the following scope of work is to be undertaken for previously developed properties. IO's P3 guidelines for previously developed properties require the following:

- Installation of monitoring wells in a minimum of 4 boreholes plus one borehole per hectare. Based on a project Study area of approximately 3.4 hectares, a minimum of 8 boreholes are required for the Phase Two ESA.
- Minimum of 1 borehole or monitoring well per identified APEC. GHD will immediately communicate with IO if the Phase One ESA process identifies APECs that will require the installation of additional monitoring wells.
- Analysis of a minimum of 2 fill (where sufficient fill material is present) and 2 native soil samples from each borehole.

The Phase Two ESA would be conducted in conjunction with the preliminary geotechnical investigation and hydrogeological investigation. The Phase Two ESA scope of work presented below is considered to meet IO's P3 guidelines to support the characterization of soil quality within the proposed development area. Additionally, the information obtained from the Phase Two ESA will also be used in the development of a soil management plan for use during proposed construction activities. If soil impacts are encountered during the preliminary investigative activities, additional delineation may be required which could concurrently be performed with the additional geotechnical investigation activities (if required).

GHD understands that the proposed developments will consist of a new four storey, slab-on-grade building.

The following boreholes and monitoring wells will be advanced within the footprint of the proposed structures, driveways, and utility alignments.

- As part of the investigation and in general accordance with the IO's P3 guidelines, GHD will collect environmental soil samples from sixteen (16) boreholes out of the twenty-three (23) geotechnical/hydrogeological boreholes advanced. Additionally, where practical, GHD has adjusted the spacing of boreholes to account for the previously drilled boreholes in the 2018 investigation. **GHD is not proposing to collect any additional soil samples from the road conveyance lands where a RSC #225928 was filed in August 2019.**

Table 1 Proposed Borehole Locations

| Location                                                  | Borehole ID                                                             | Groundwater Monitoring Well with Potential Screen Interval Depths below Ground Surface (m) | Maximum Depth of Borehole below Ground Surface (m) | Comments                                                                                                                                                                                           |
|-----------------------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Proposed Building (Currently Greenfield)                  | BH25-04, BH25-09, BH25-13, BH25-16, BH25-17                             | Not applicable                                                                             | Borehole depth 6 mBGS or refusal.                  | Boreholes with no bedrock coring will be terminated at the planned depth or on practical refusal (three consecutive SPT 'N' blow count greater than 50 blows for 6 inches) whichever is shallower. |
|                                                           | MW25-07, MW25-08, MW25-11, MW25-14, MW25-18                             | 3 m screen straddling the water table                                                      | Monitoring well depth 6 mBGS or refusal.           | MW25-07, MW25-11, and MW25-18 with bedrock coring, will be carried out within the proposed building footprint using (HQ) size drill core barrel and in general accordance with ASTM D2113.         |
| Pavement Boreholes (Currently Greenfield)                 | BH25-01, BH25-02, BH25-03, BH25-05, BH25-06, BH25-10, BH25-12, BH25-15, | Not applicable                                                                             | Borehole depth 3 mBGS or refusal.                  | Boreholes with no bedrock coring will be terminated at the planned depth or on practical refusal (three consecutive SPT 'N' blow count greater than 50 blows for 6 inches) whichever is shallower. |
| Pavement boreholes on Right-of-Way (Currently Greenfield) | BH25-19, BH25-20, BH25-21, BH25-22, BH25-23                             | Not applicable                                                                             | Borehole depth 3 mBGS or refusal.                  | Boreholes advanced to confirm no changes in the geological condition since the 2018 geotechnical investigation ( <b>see Note 1 below</b> ).                                                        |

Note 1: For issuing a confirmatory letter for the 2018 geotechnical investigation of conveyance lands, GHD will need a written confirmation that the Site has remained unchanged and no new utilities/subgrade infrastructure has been added since the previous works were completed.

- The Phase Two ESA will utilize the five (5) monitoring wells installed for hydrogeological/geotechnical purposes, and based on the previous Phase One ESA, the groundwater media does not need to be investigated. However, depending on the updated Phase One ESA, groundwater sampling may be required to address any additional APECs. GHD will notify IO if there is a change of onsite/offsite PCAs resulting in a new APEC.
- The monitoring wells will be constructed in accordance with Ontario Regulation 903, as amended (O. Reg. 903) with 2 inch ID No. 10 slot, Schedule 40 PVC well screen and well point, and thread compatible 2 inch

ID PVC riser pipe. The annular space between the well screen and the borehole wall will be filled with clean, silica sand from the base of the well to just above the top of well screen. The remaining annular space will be sealed using hydrated bentonite pellets to approximately 0.60 mBGS at which point a concrete seal will be placed in the remaining annular space to the surface. At the surface, the monitoring wells will be protected with a flush mount cover or protective stick-up monument. In accordance with O. Reg. 903, the monitoring wells will be registered with the MECP. A cost for decommissioning the monitoring wells is included within the scope of work.

- Upon completion of the field investigation, boreholes that do not contain monitoring wells will be backfilled with cement bentonite grout and sealed in accordance with the Ontario Regulation 903 Requirements.
- Soil/rock core samples obtained during drilling will be transferred to GHD's geotechnical laboratory, where they will be reviewed and tested as part of the geotechnical investigation.
- During drilling, recovered soil cores will be screened in the field for visual and olfactory impact, as well as for the presence of VOCs and methane using an RKI Eagle 2 monitor. Samples will be collected in laboratory-provided containers that will be stored and transported to the laboratory in an ice-cooled chest under chain-of-custody protocol. The samples will be submitted to a Canadian Association for Laboratory Accreditation, Inc. (CALA) accredited laboratory for selected chemical analysis following chain-of-custody procedures. Field screening data and lithological data will be recorded on the borehole logs. To meet IO's P3 guidelines, soil samples will be collected from the fill material and native deposits on-Site.
- As outlined in the IO's P3 guidelines and dependent on the findings of the Phase One ESA, soil samples will be submitted for chemical analysis of one or more of the following parameters: VOCs, PHCs, metals and inorganics, PAHs, and OC Pesticides.
- Excess Soil sampling will also be collected from the boreholes in accordance with O. Reg 406/19 and IO's P3 guideline. Five (5) soil samples will be collected for the modified synthetic precipitation leaching procedure [SPLP] (metals/inorganics). One quality control/quality assurance sample will be submitted for every ten samples (field duplicate) plus one trip blank for the VOCs and PHC F<sub>1</sub>.
- The monitoring wells will be monitored for depth to groundwater as well as for the presence/thickness of non-aqueous phase liquids (NAPL) utilizing an electronic interface probe.
- Surveying of the borehole locations will be undertaken by a GHD survey team referenced to UTM coordinates. The ground surface elevation at each borehole location and horizontal coordinates of each borehole and monitoring well will be surveyed and will be referenced to a local geodetic benchmark. The obtained ground surface elevations along with the information on the selected benchmark will be provided in the GHD's reports.
- Excess soil cuttings and purge water generated as part of the field activities will be containerized in 205-litre steel drums and stored on-Site for staging in a location approved by IO prior to disposal. One waste characterization sample will be collected from the soil cuttings drum for Toxicity Characteristic Leaching Procedure (TCLP) analysis of metals and inorganics, VOCs, PAHs, and bulk analysis of PCBs and ignitability, in order to characterize the soils for off-Site disposal at an MECP-approved facility. GHD has included an allowance to dispose of a total of 25 drums of excess soil (auger cuttings) and purged water.
- Non disposable, sampling equipment will be decontaminated before each use with a solution of laboratory grade soap and water that will be rinsed with distilled water. GHD personnel will use new nitrile gloves between the collection and handling of samples.

# **Appendix B**

## **Stratigraphic and Instrumentation Logs**



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-01**

Project Number: 12669624

Client: Infrastructure Ontario

Page 1 of 1

Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 26/06/2025

Northing: 4811876.60 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599616.43 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 160.24 m

Final Depth: 3.12 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)                        | Strata                                                                                                                    | Description | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)                        |                                                                                                                           |             |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>160.24                   |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.20<br>160.04                   | TOPSOIL (203 mm)                                                                                                          |             | SS1           | 87         | 2-4-4-4                              | 8            | 0         |                     |        |        |        |         |                     | 21                 |             |                      |                |                  |
|                 | 0.76<br>159.48                   | FILL: Lean CLAY with Sand, contains rootlets, brown, moist, stiff                                                         |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 1               |                                  | NATIVE: Lean CLAY with Sand (CL), trace gravel, contains shale fragments, reddish brown, moist to wet, very stiff to hard |             | SS2           | 96         | 4-10-11-15                           | 21           | 0         |                     |        |        |        |         |                     | 18                 |             |                      |                |                  |
| 2               |                                  |                                                                                                                           |             | SS3           | 96         | 6-17-18-50                           | 35           | 0         | 3                   | 25     | 61     | 11     |         |                     | 9                  | 18-26       | 8                    |                |                  |
|                 |                                  |                                                                                                                           |             | SS4           | 100        | 16-29-50 /25 mm                      | 79           | 0         |                     |        |        |        |         |                     | 19                 |             |                      |                |                  |
| 3               | 3.05<br>157.19<br>3.12<br>157.12 | WEATHERED SHALE, red                                                                                                      |             | SS5           | 100        | 50/26 mm                             | R            | 0         |                     |        |        |        |         |                     | 4                  |             |                      |                |                  |
|                 |                                  | End of Hole at 3.12 m BGS                                                                                                 |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                                  |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                                  |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                                  |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                                  |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                                  |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                                  |                                                                                                                           |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 1.92 m on 26/06/2025

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-02**

Project Number: 12669624

Client: Infrastructure Ontario

Page 1 of 1

Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 27/06/2025

Northing: 4811901.32 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599653.71 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

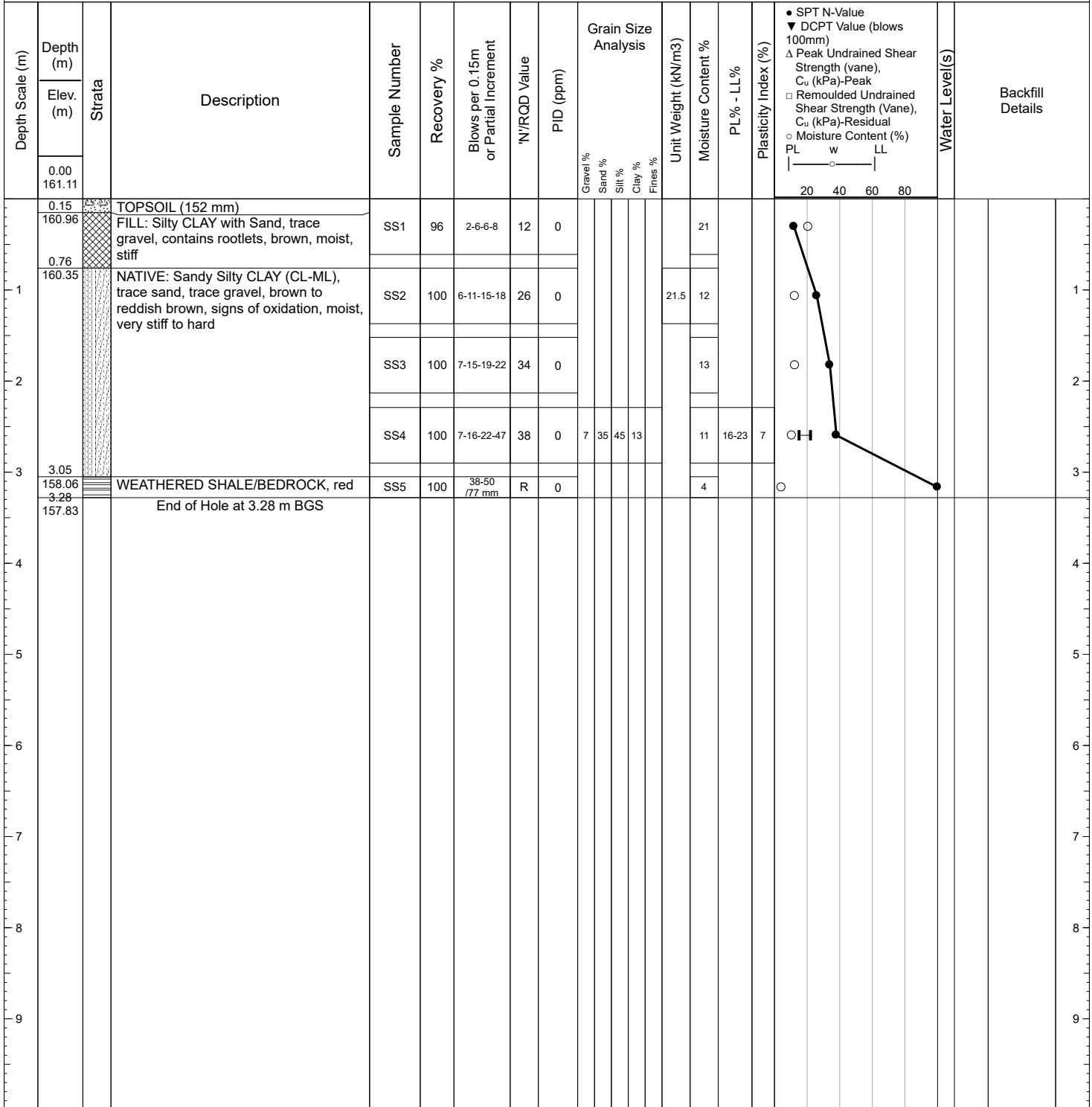
Elevation: 161.11 m

Final Depth: 3.28 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-03**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 19/06/2025

Northing: 4811947.67 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599684.32 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

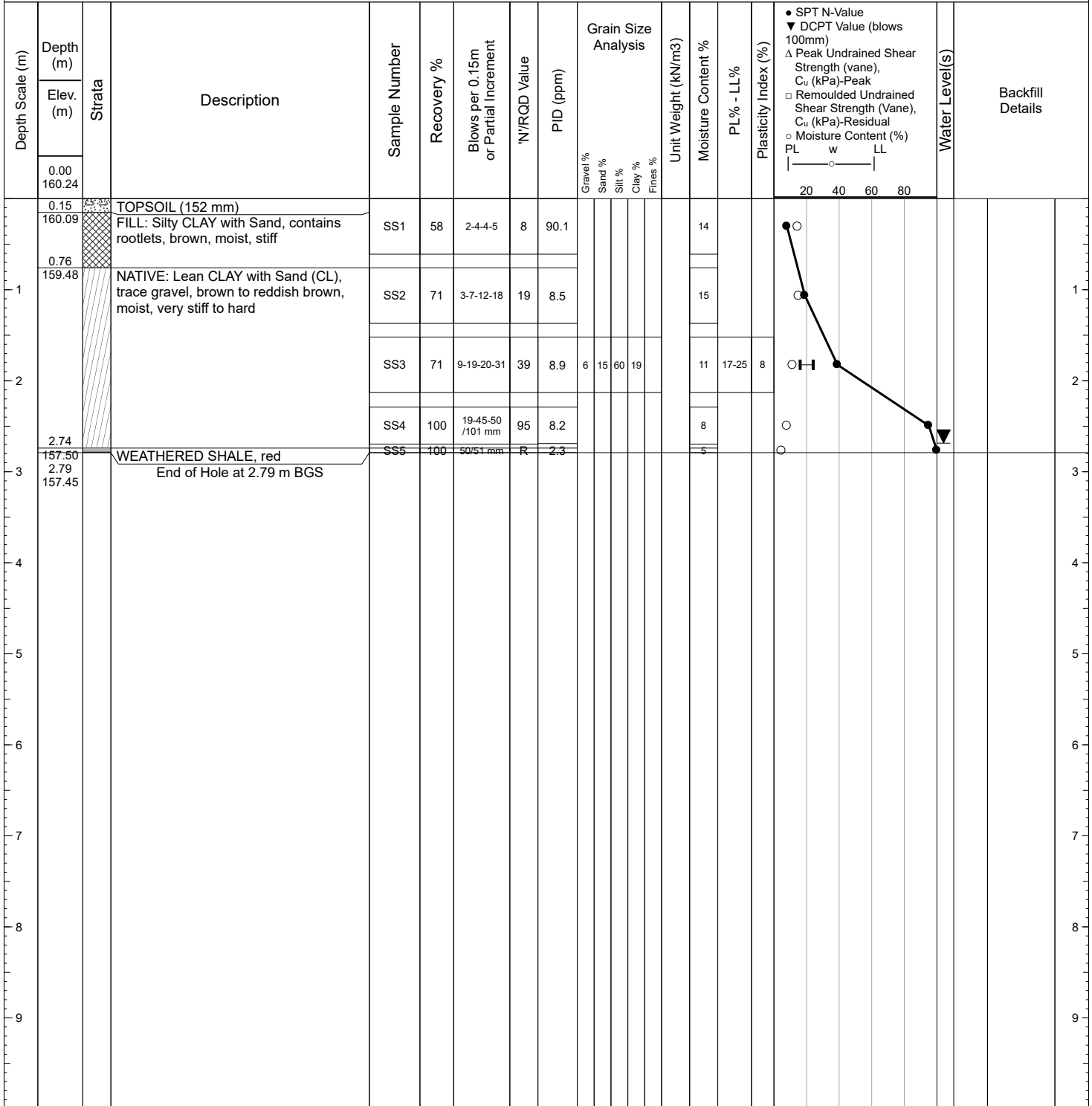
Elevation: 160.24 m

Final Depth: 2.79 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 2.69 m on 19/06/2025

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit





# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-04**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 26/06/2025

Northing: 4811860.46 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599660.86 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 159.82 m

Final Depth: 2.41 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m) | Elev. (m) | Strata | Description                                                                                                    | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|-----------|-----------|--------|----------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 |           |           |        |                                                                                                                |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.00      | 159.82    |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.76      | 159.06    |        | FILL: Silty CLAY with Sand, organics, contains rootlets, dark brown, moist, firm                               | SS1           | 79         | 1-2-3-5                              | 5            | 0         |                     |        |        |        |         | 20                  |                    |             |                      |                |                  |
| 1               |           |           |        | NATIVE: Lean CLAY with Sand (CL), trace gravel, reddish brown to red, signs of oxidation, moist, stiff to hard | SS2           | 75         | 2-4-9-15                             | 13           | 0         | 3                   | 23     | 56     | 18     |         | 21.5                | 12                 | 17-25       | 8                    |                |                  |
|                 |           |           |        | - contains weathered shale at 1.52 m BGS                                                                       | SS3           | 82         | 6-20-50 /127 mm                      | 70           | 0         |                     |        |        |        |         |                     | 10                 |             |                      |                |                  |
| 2               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 2.29      |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 157.53    |           |        | WEATHERED SHALE, red                                                                                           | SS4           | 100        | 50/127 mm                            | R            | 0         |                     |        |        |        |         |                     | 5                  |             |                      |                |                  |
|                 | 2.41      | 157.41    |        | End of Hole at 2.41 m BGS                                                                                      |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 3               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |           |           |        |                                                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-05**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 19/06/2025

Northing: 4811915.24 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599705.18 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

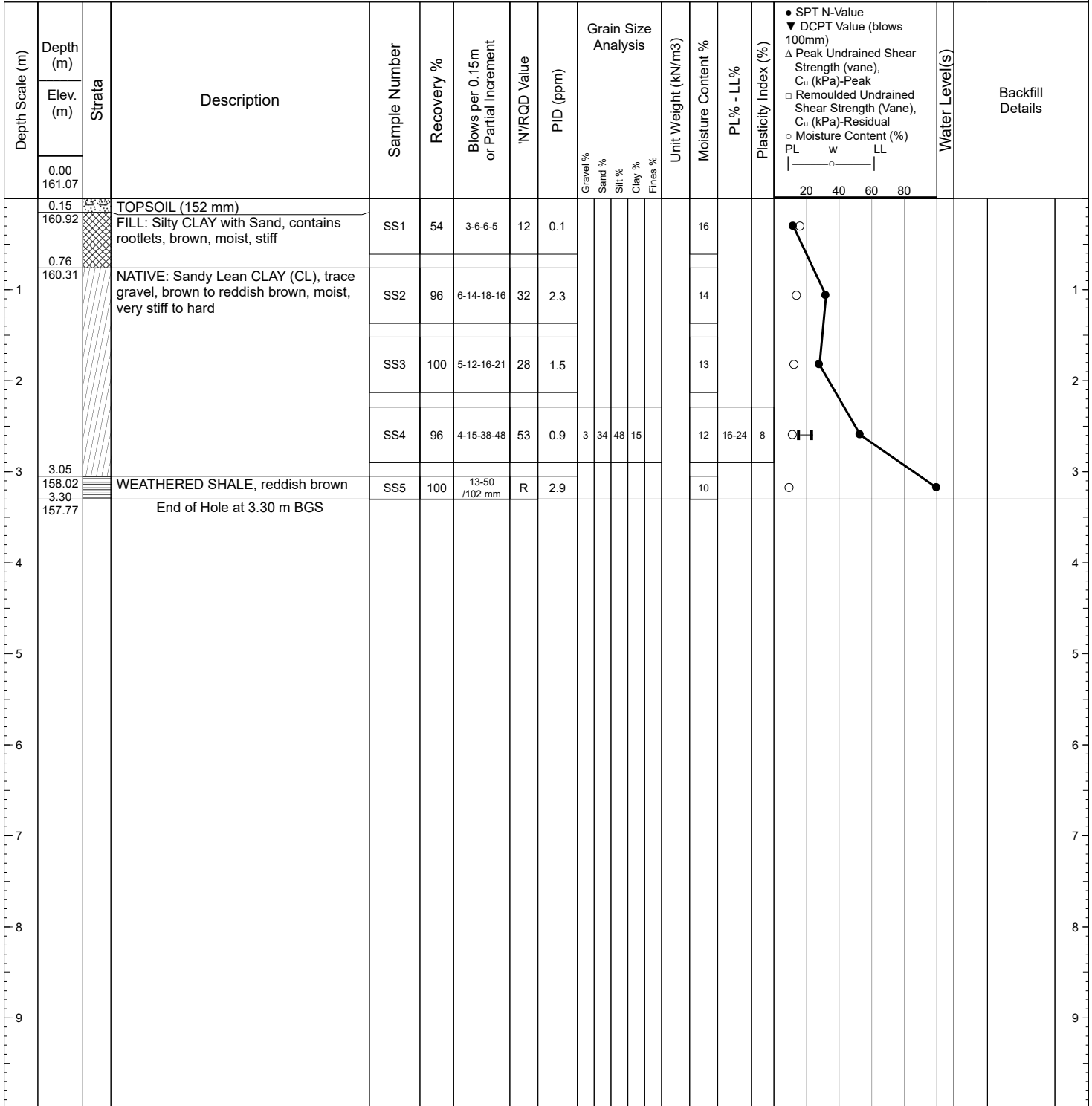
Elevation: 161.07 m

Final Depth: 3.30 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

▼ At Time of Drilling:

▼ Upon Completion of Drilling: Dry

▼ Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-06**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 26/06/2025

Northing: 4811811.82 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599639.63 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 159.94 m

Final Depth: 2.51 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata                                                                                   | Description | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------|------------------------------------------------------------------------------------------|-------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)      |                                                                                          |             |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>159.94 |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.18<br>159.76 | TOPSOIL (178 mm)                                                                         |             | SS1           | 87         | 2-2-5-5                              | 7            | 0         |                     |        |        |        |         |                     | 21                 |             |                      |                |                  |
|                 | 0.76<br>159.18 | FILL: Lean CLAY with Sand, contains rootlets, dark brown, moist, firm                    |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 1               |                | NATIVE: Lean CLAY with Sand (CL), trace gravel, reddish brown, moist, very stiff to hard |             | SS2           | 100        | 5-8-10-16                            | 18           | 0         |                     |        |        |        |         |                     | 14                 |             |                      |                |                  |
|                 |                | - contains weathered shale at 1.52 m BGS                                                 |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 2               |                |                                                                                          |             | SS3           | 100        | 26-24-50 / 127 mm                    | 74           | 0         | 3                   | 22     | 61     | 14     |         |                     | 8                  | 18-27       | 9                    |                |                  |
|                 | 2.29<br>157.65 | WEATHERED SHALE, red                                                                     |             | SS4           | 33         | 13-50 / 77 mm                        | R            | 0         |                     |        |        |        |         |                     | 7                  |             |                      |                |                  |
|                 | 2.51<br>157.43 | End of Hole at 2.51 m BGS                                                                |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 3               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                |                                                                                          |             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**MW25-07**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 20/06/2025

Northing: 4811829.36 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599672.39 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger/HQ Coring

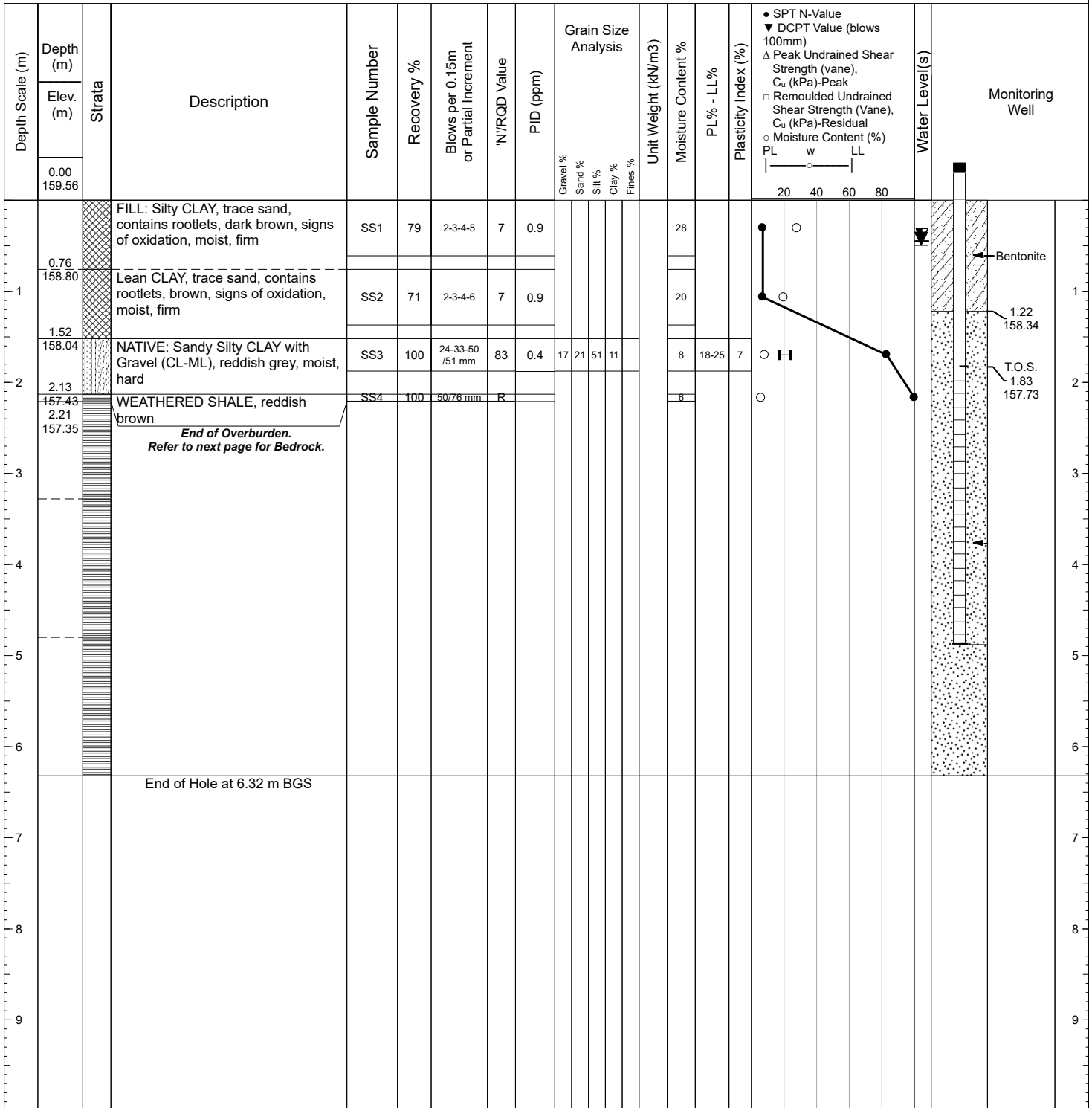
Elevation: 159.56 m

Final Depth: 6.32 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 0.50 m on 20/06/2025

Last Water Level Taken: 10/07/2025

N Value: R - Refusal

## Well - Reference Elevation(s)

| Location | Elevation (m) |
|----------|---------------|
| MW25-07  | 160.54        |

T.O.S.: Top of Screen

B.O.S.: Bottom of Screen

Screen Diameter: mm

Screen Slot Size: 51 mm

Material: PVC

mBGS: Meters below ground surface

mBTC: Meters below top of casing

## Water Readings

| Date (dd/mm/yyyy) | Depth | Unit |
|-------------------|-------|------|
| 20/06/2025        | 0.50  | mBGS |
| 27/06/2025        | 0.40  | mBGS |
| 10/07/2025        | 0.44  | mBGS |



## STRATIGRAPHIC AND INSTRUMENTATION RECORD

(Bedrock)

MW25-07

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 20/06/2025

Northing: 4811829.36 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599672.39 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger/HQ Coring

Elevation: 159.56 m

Final Depth: 6.32 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m) | Strata | Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | Run Number | Core Recovery % |       | N/RQD Value | Fracture Index (#/Interval)          | Strength Data                        |                  | Water Level(s) | Defect Description | Monitoring Well |
|-----------------|-----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------|-------------|--------------------------------------|--------------------------------------|------------------|----------------|--------------------|-----------------|
|                 | Elev. (m) |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            | Total           | Solid |             |                                      | Strength Index                       | Weathering Index |                |                    |                 |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 |           |        | Start of Bedrock Log.<br>Refer to previous page for Overburden Details.                                                                                                                                                                                                                                                                                                                                                                          |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
| 1               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
| 2               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 2.21      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 157.35    |        | SHALE, thinly bedded red shale,<br>Run 1: slightly weathered (W2), weak (R2)<br>Joints:<br>2.72, 2.82, 2.92, 3.23 m (0°);<br>2.51 m (0° - 1-5 mm open)<br>Fragments: (2.21-2.46m)<br>Limestone: (2.67-2.72m); (3.23-3.28m)<br>Run 2: slightly weathered (W2), weak to medium strong (R2-R3)<br>Joints:<br>3.76, 4.02, 4.09, 4.12, 4.40 m (0°);<br>4.22 m (0° - 1-5 mm open)<br>Fragments: (3.28-3.41m);<br>Limestone: (3.76-3.84m); (4.17-4.22m) | Run 1      | 100             | 71    | 71          | 1.00<br>2.00<br>1.00<br>1.00         | R2<br>W2                             |                  |                |                    |                 |
| 3               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 3.28      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 156.28    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      | 0.00<br>1.00<br>3.00<br>2.00<br>0.00 | R2-R3<br>W2      |                |                    |                 |
| 4               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 4.80      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 154.76    |        | Run 3: fresh (W1), weak to medium strong (R2-R3)<br>Joints:<br>5.28 m (45°);<br>5.0-5.03 m (0° - Clay fill);<br>5.38 m (0° >10 mm open)<br>Limestone: (5.03-5.18m); (5.41-5.59m)                                                                                                                                                                                                                                                                 | Run 3      | 100             | 92    | 92          | 2.00<br>2.00<br>0.00<br>0.00<br>0.00 | R2-R3<br>W1                          |                  |                |                    |                 |
| 5               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 6.32      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
|                 | 153.24    |        | End of Hole at 6.32 m BGS                                                                                                                                                                                                                                                                                                                                                                                                                        |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
| 7               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
| 8               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |
| 9               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                 |       |             |                                      |                                      |                  |                |                    |                 |

## Legend:

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 0.50 m on 20/06/2025

Last Water Level Taken: 10/07/2025

N Value: R - Refusal

## Well - Reference Elevation(s)

| Location | Elevation (m) |
|----------|---------------|
| MW25-07  | 160.54        |

T.O.S.: Top of Screen  
B.O.S.: Bottom of Screen  
Screen Diameter: mm  
Screen Slot Size: 51 mm  
Material: PVC

mBGS: Meters below ground surface  
mBTC: Meters below top of casing

## Water Readings

| Date (dd/mm/yyyy) | Depth | Unit |
|-------------------|-------|------|
| 20/06/2025        | 0.50  | mBGS |
| 27/06/2025        | 0.40  | mBGS |
| 10/07/2025        | 0.44  | mBGS |



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**MW25-08**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date Range (dd/mm/yyyy): 18/06/2025 - 19/06/2025

Northing: 4811888.79 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599698.52 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

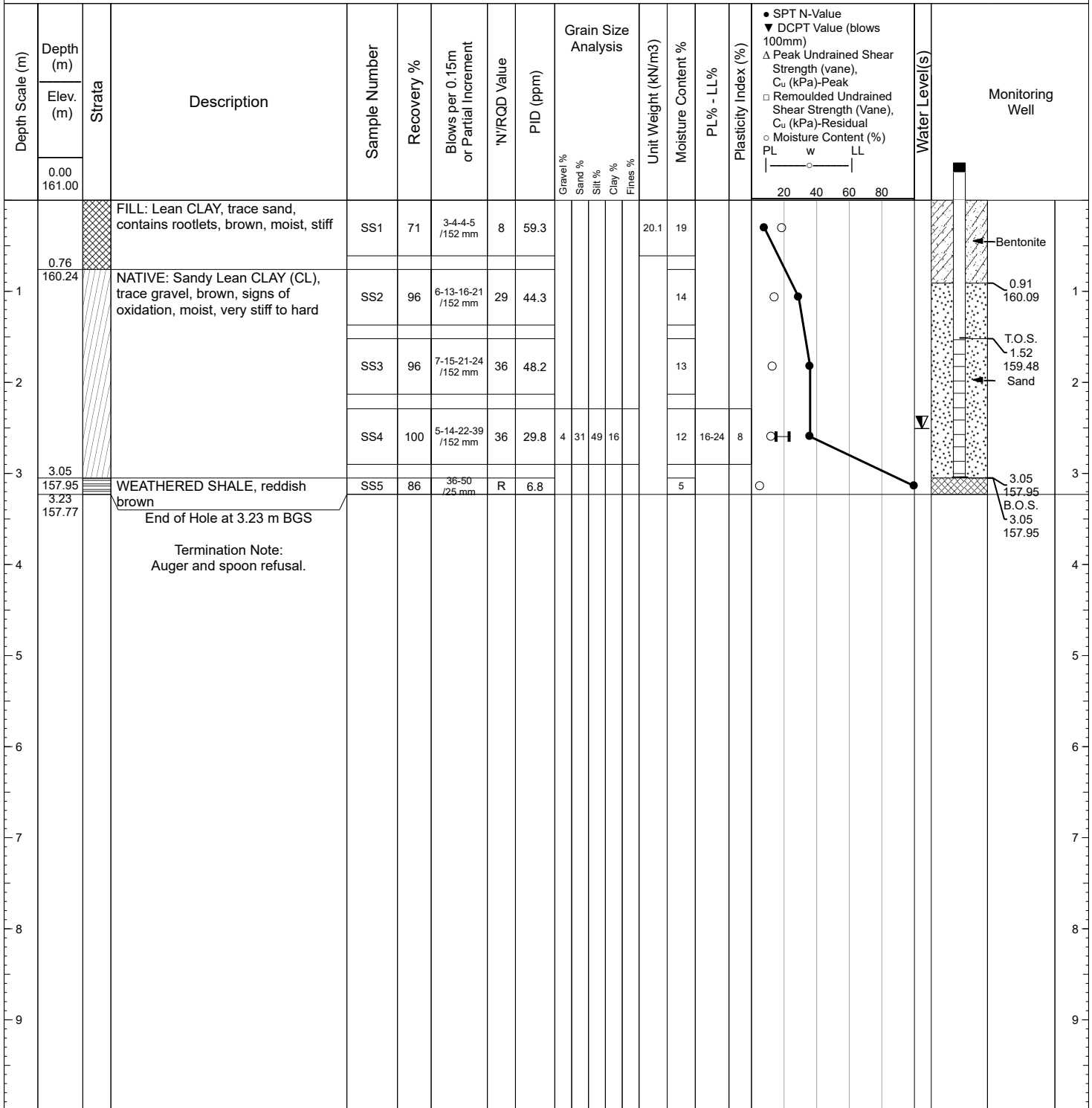
Elevation: 161.00 m

Final Depth: 3.23 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed



|                                                                                                                                                                                                                      |                               |               |                                                                                                                                                                                               |  |                   |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|-------|
| <b>Legend:</b><br>Measuring Point Elevation may change; Refer to Current Elevation Table<br>▼ At Time of Drilling:<br>Upon Completion of Drilling: Dry<br>Last Water Level Taken: 10/07/2025<br>N Value: R - Refusal | Well - Reference Elevation(s) |               | T.O.S.: Top of Screen<br>B.O.S.: Bottom of Screen<br>Screen Diameter: mm<br>Screen Slot Size: 51 mm<br>Material: PVC<br>mBGS: Meters below ground surface<br>mBTC: Meters below top of casing |  | Water Readings    |       |
|                                                                                                                                                                                                                      | Location                      | Elevation (m) |                                                                                                                                                                                               |  | Date (dd/mm/yyyy) | Depth |
|                                                                                                                                                                                                                      | MW25-08                       | 161.92        |                                                                                                                                                                                               |  | 27/06/2025        | 2.87  |

|      |      |
|------|------|
| Unit | mBGS |
|      | mBGS |





# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-10**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 25/06/2025

Northing: 4811874.75 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599752.33 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

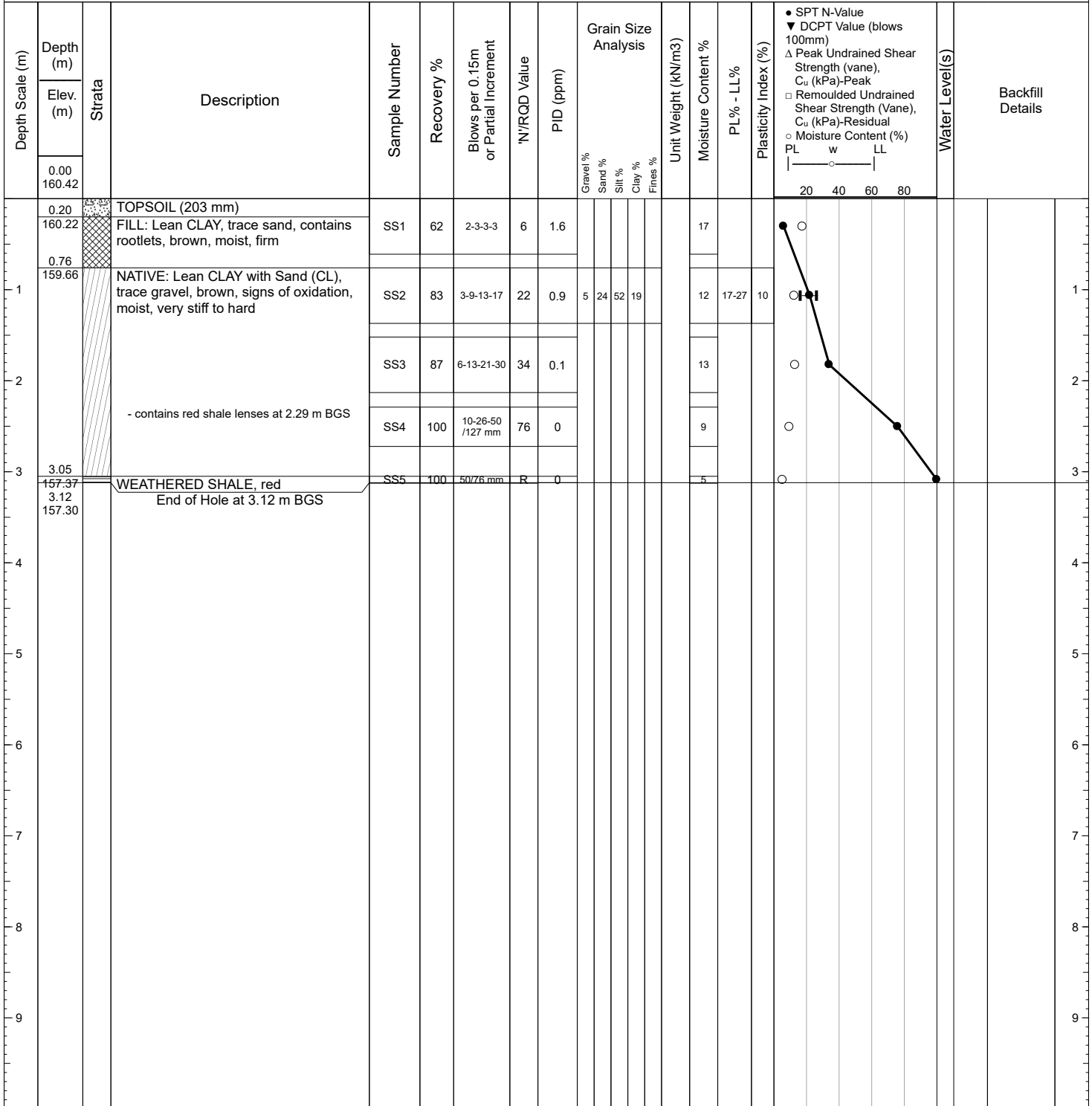
Elevation: 160.42 m

Final Depth: 3.12 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit





# STRATIGRAPHIC AND INSTRUMENTATION RECORD

(Overburden)

**MW25-11**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date Range (dd/mm/yyyy): 20/06/2025 - 23/06/2025

Northing: 4811828.97 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599717.19 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

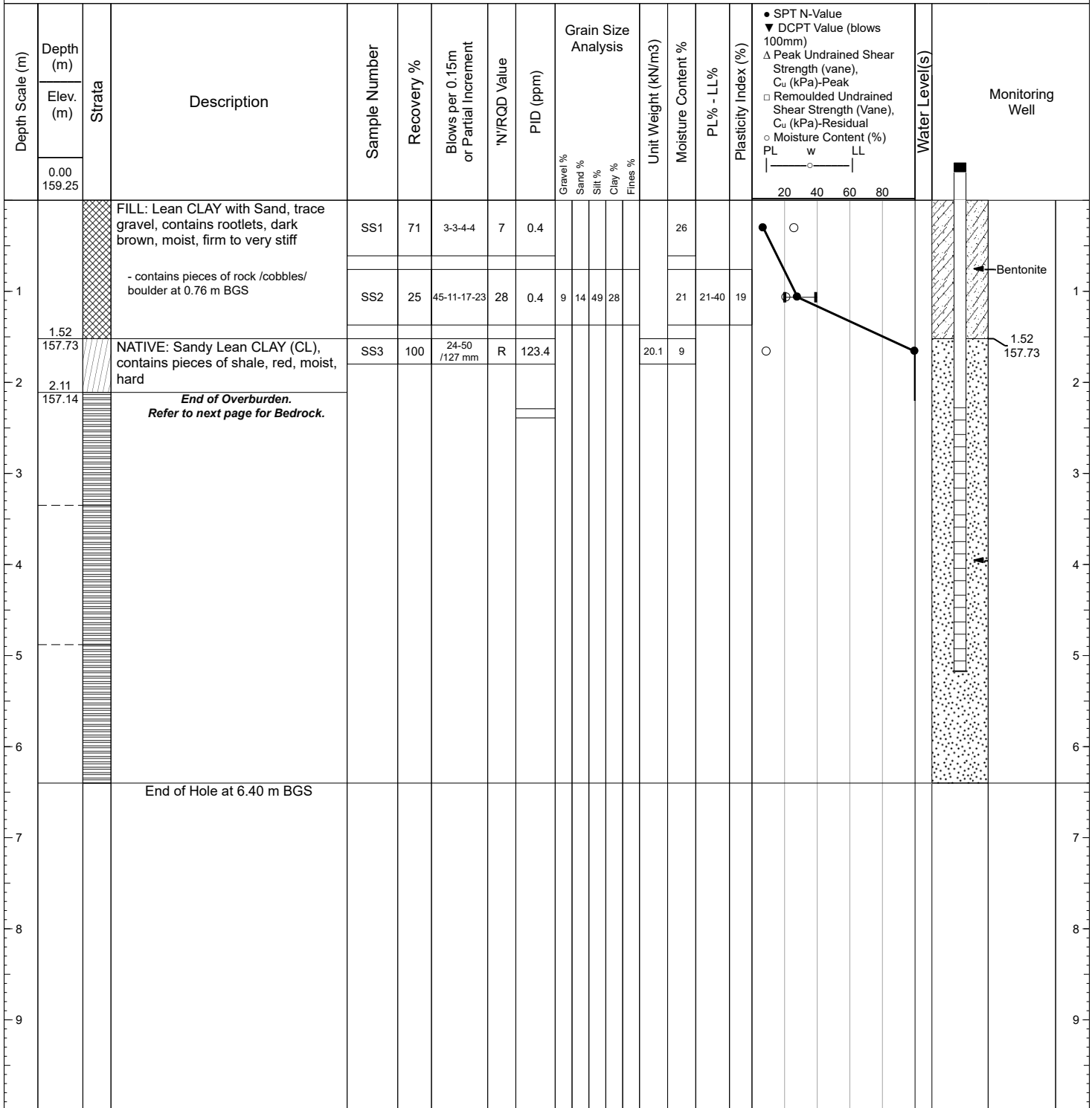
Elevation: 159.25 m

Final Depth: 6.40 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 2.73 m on 23/06/2025

Last Water Level Taken: 10/07/2025

N Value: R - Refusal

## Well - Reference Elevation(s)

| Location | Elevation (m) |
|----------|---------------|
| MW25-11  | 160.10        |

T.O.S.: Top of Screen

B.O.S.: Bottom of Screen

Screen Diameter: mm

Screen Slot Size: 51 mm

Material: PVC

mBGS: Meters below ground surface

mBTC: Meters below top of casing

## Water Readings

| Date (dd/mm/yyyy) | Depth | Unit |
|-------------------|-------|------|
| 20/06/2025        | 2.73  | mBGS |
| 27/06/2025        | 2.68  | mBGS |
| 10/07/2025        | 2.60  | mBGS |



## STRATIGRAPHIC AND INSTRUMENTATION RECORD

(Bedrock)

MW25-11

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date Range (dd/mm/yyyy): 20/06/2025 - 23/06/2025

Northing: 4811828.97 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599717.19 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 159.25 m

Final Depth: 6.40 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m) | Strata | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Run Number | Core Recovery % |       | N/RQD Value | Fracture Index (#/Interval) | Strength Data  |                  | Water Level(s) | Defect Description | Monitoring Well          |                          |  |
|-----------------|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------|-------------|-----------------------------|----------------|------------------|----------------|--------------------|--------------------------|--------------------------|--|
|                 | Elev. (m) |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | Total           | Solid |             |                             | Strength Index | Weathering Index |                |                    |                          |                          |  |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    |                          |                          |  |
|                 |           |        | Start of Bedrock Log.<br>Refer to previous page for Overburden Details.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |                 |       |             |                             |                |                  |                |                    |                          |                          |  |
| 1               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    | 1                        |                          |  |
| 2               | 2.11      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    | 2                        |                          |  |
|                 | 157.14    |        | SHALE, thinly bedded red/gray limy shale<br>Run 1: slightly weathered (W2), weak to medium strong (R2-R3)<br>Joints:<br>3.33 m (0°); 3.23 m (20°);<br>2.52 m (0° - 1-5 mm open)<br>Disintegrated to soil (2.11-2.47m, W4)<br>Limestone: (2.47-2.52 m); (2.77-2.85 m)<br>Run 2: slightly weathered (W2), weak to medium strong (R2-R3)<br>Joints:<br>3.60 m (0°); 4.72 m (20°);<br>3.35, 3.38 m (0° - 1-5 mm open);<br>3.99 m (0° -10 mm open);<br>Limestone: (3.53-3.60 m); (4.16-4.21 m); (4.70-4.77 m)<br>Run 3: fresh (W1), medium strong (R3)<br>Joints:<br>6.10 m (0° - 1-5mm open, Clay fill)<br>Limestone: (5.26-5.39 m); (5.97-6.10 m) | SS4        |                 |       | R           | 0.00                        | R2-R3          | W2               | ▼              | 2.41-3.35          | T.O.S.<br>2.13<br>157.12 |                          |  |
|                 |           | Run 1  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100        | 67              | 67    | 1.00        |                             |                |                  |                |                    |                          |                          |  |
| 3               | 3.35      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       | 0.00        |                             |                |                  |                |                    |                          |                          |  |
|                 | 155.90    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       | 1.00        |                             |                |                  |                |                    |                          |                          |  |
| 4               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | Run 2           | 93    | 85          | 85                          | 2.00           | R2-R3            | W2             |                    | 3.35-4.88                | Sand                     |  |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       | 1.00        |                             |                |                  |                |                    |                          |                          |  |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       | 1.00        |                             |                |                  |                |                    |                          |                          |  |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       | 0.00        |                             |                |                  |                |                    |                          |                          |  |
| 5               | 4.88      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            | Run 3           | 100   | 100         | 98                          | 1.00           | R3               | W1             |                    | 4.88-6.40                | B.O.S.<br>5.18<br>154.07 |  |
|                 | 154.37    |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             | 0.00           |                  |                |                    |                          |                          |  |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             | 0.00                        |                |                  |                |                    |                          |                          |  |
|                 |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             | 0.00                        |                |                  |                |                    |                          |                          |  |
| 6               | 6.40      |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    |                          |                          |  |
|                 | 152.85    |        | End of Hole at 6.40 m BGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |                 |       |             |                             |                |                  |                |                    |                          |                          |  |
| 7               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    |                          | 7                        |  |
| 8               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    |                          | 8                        |  |
| 9               |           |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                 |       |             |                             |                |                  |                |                    |                          | 9                        |  |

## Legend:

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 2.73 m on 23/06/2025

Last Water Level Taken: 10/07/2025

N Value: R - Refusal

## Well - Reference Elevation(s)

| Location | Elevation (m) |
|----------|---------------|
| MW25-11  | 160.10        |

T.O.S.: Top of Screen  
B.O.S.: Bottom of Screen  
Screen Diameter: mm  
Screen Slot Size: 51 mm  
Material: PVCmBGS: Meters below ground surface  
mBTC: Meters below top of casing

## Water Readings

| Date (dd/mm/yyyy) | Depth | Unit |
|-------------------|-------|------|
| 20/06/2025        | 2.73  | mBGS |
| 27/06/2025        | 2.68  | mBGS |
| 10/07/2025        | 2.60  | mBGS |



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-12**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 25/06/2025

Northing: 4811773.01 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599691.78 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 160.97 m

Final Depth: 3.53 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata                                                                                   | Description | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | 'N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL% - LL% | Plasticity Index (%) | Water Level(s) | Backfill Details |  |
|-----------------|----------------|------------------------------------------------------------------------------------------|-------------|---------------|------------|--------------------------------------|---------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-----------|----------------------|----------------|------------------|--|
|                 | Elev. (m)      |                                                                                          |             |               |            |                                      |               |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |           |                      |                |                  |  |
|                 | 0.00<br>160.97 |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 1               | 0.15<br>160.82 | TOPSOIL (152 mm)                                                                         | SS1         | 79            | 3-6-7-8    | 13                                   | 0.3           |           |                     |        |        |        | 9       |                     |                    |           |                      |                |                  |  |
|                 | 0.76<br>160.21 | FILL: Lean CLAY with Sand, trace gravel, contains rootlets, brown, moist, stiff          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                | NATIVE: Sandy Lean CLAY (CL), trace gravel, brown to reddish brown, moist, stiff to hard | SS2         | 71            | 4-3-5-7    | 8                                    | 0.2           |           |                     |        |        |        | 18      |                     |                    |           |                      |                |                  |  |
|                 |                | - signs of oxidation at 1.52 m BGS                                                       |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          | SS3         | 100           | 3-9-12-17  | 21                                   | 0             |           |                     |        |        |        | 15      |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 2               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
|                 |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |
| 3               |                |                                                                                          |             |               |            |                                      |               |           |                     |        |        |        |         |                     |                    |           |                      |                |                  |  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy)

Depth

Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-13**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 25/06/2025

Northing: 4811823.71 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599750.12 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 159.23 m

Final Depth: 2.57 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)                        | Strata | Description                                                                                     | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------------------------|--------|-------------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)                        |        |                                                                                                 |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>159.23                   |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.25                             |        | TOPSOIL (254 mm)                                                                                |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 158.98                           |        | FILL: Silty CLAY with Sand, contains rootlets, dark brown, moist, stiff                         | SS1           | 100        | 3-4-6-5                              | 10           | 0         |                     |        |        |        |         | 20                  |                    |             |                      |                |                  |
| 1               | 0.76<br>158.47                   |        | Lean CLAY, trace sand, trace gravel, contains rootlets, brown, signs of oxidation, moist, stiff | SS2           | 71         | 2-3-8-15                             | 11           | 0         |                     |        |        |        |         | 16                  |                    |             |                      |                |                  |
|                 | 1.52<br>157.71                   |        | NATIVE: Lean CLAY with Sand (CL), trace gravel, red, moist, very stiff                          | SS3           | 100        | 3-8-11-30                            | 19           | 0         | 7                   | 17     | 57     | 19     |         | 13                  | 17-25              | 8           |                      |                |                  |
| 2               | 2.29<br>156.94<br>2.57<br>156.66 |        | WEATHERED SHALE, red                                                                            | SS4           | 100        | 48-50 /127 mm                        | R            | 0         |                     |        |        |        |         | 5                   |                    |             |                      |                |                  |
|                 |                                  |        | End of Hole at 2.57 m BGS                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 3               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                                  |        |                                                                                                 |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**MW25-14**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 18/06/2025

Northing: 4811783.16 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599734.42 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

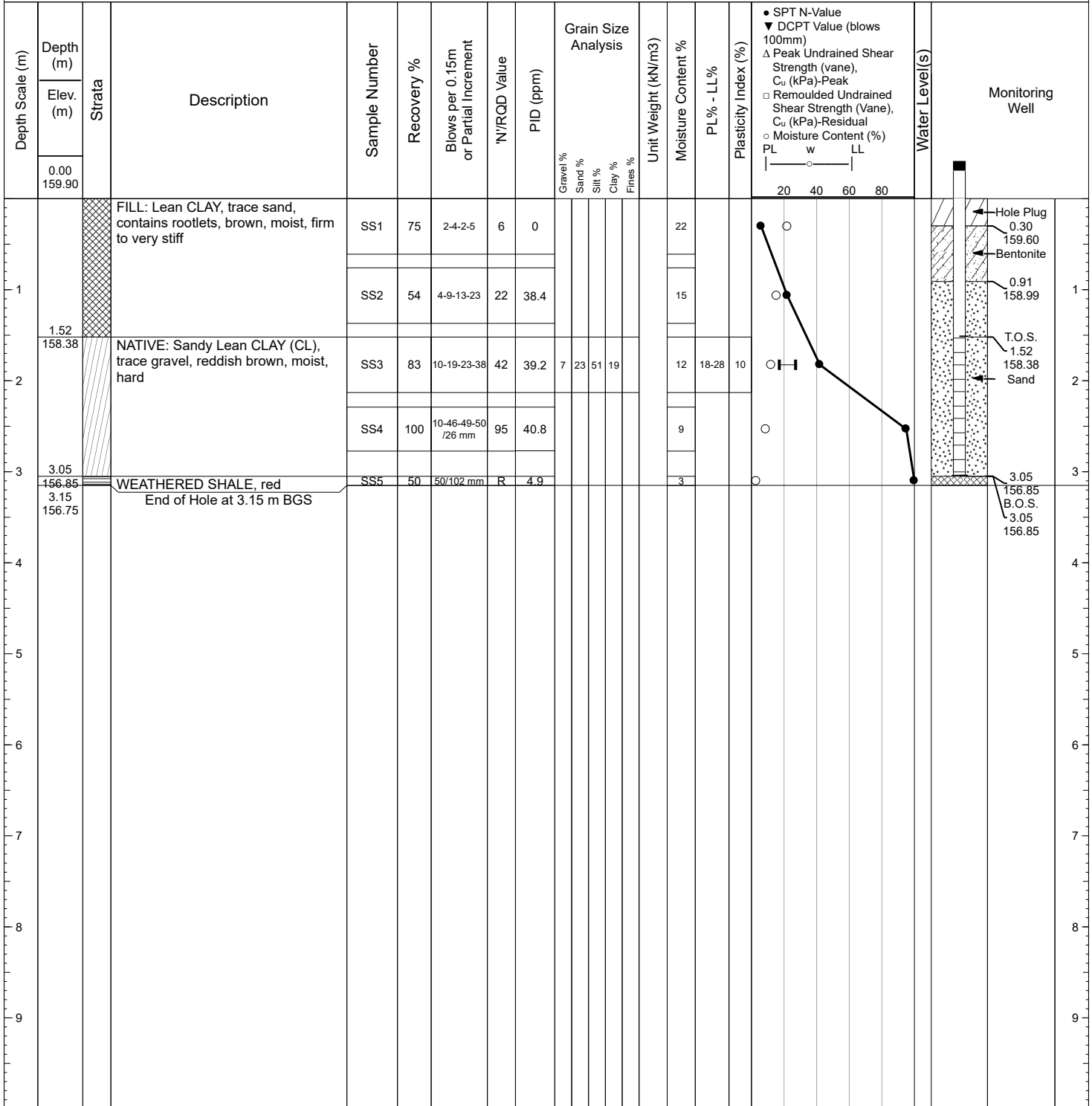
Elevation: 159.90 m

Final Depth: 3.15 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken: 10/07/2025

N Value: R - Refusal

**Well - Reference Elevation(s)**

| Location | Elevation (m) |
|----------|---------------|
| MW25-14  | 160.78        |

T.O.S.: Top of Screen

B.O.S.: Bottom of Screen

Screen Diameter: mm

Screen Slot Size: 51 mm

Material: PVC

mBGS: Meters below ground surface

mBTC: Meters below top of casing

**Water Readings**

| Date (dd/mm/yyyy) | Depth | Unit |
|-------------------|-------|------|
| 20/06/2025        | N/A   | mBGS |
| 23/06/2025        | N/A   | mBGS |
| 27/06/2025        | N/A   | mBGS |
| 10/07/2025        | N/A   | mBGS |



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-15**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 24/06/2025

Northing: 4811841.67 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599792.77 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 159.69 m

Final Depth: 3.18 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)                        | Strata | Description                                                                                                                                            | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)                        |        |                                                                                                                                                        |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>159.69                   |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
|                 | 0.18<br>159.51                   |        | TOPSOIL (178 mm)                                                                                                                                       | SS1           | 58         | 2-4-6-9                              | 10           | 0         |                     |        |        |        |                     | 14                 |             |                      |                |                  |
| 1               |                                  |        | FILL: Lean CLAY with Sand, contains rootlets, brown to grey, moist, brown, stiff to very stiff<br>- contains signs of oxidation at 0.76 m BGS          | SS2           | 100        | 6-9-12-17                            | 21           | 0         | 2                   | 17     | 59     | 22     |                     | 13                 | 18-28       | 10                   |                |                  |
|                 | 1.52<br>158.17                   |        | NATIVE: Sandy Lean CLAY (CL), contains shale fragments, brown to grey, moist, hard<br>- contains piece of weathered shale, reddish brown at 2.29 m BGS | SS3           | 29         | 29-19-38-33                          | 57           | 0         |                     |        |        |        |                     | 11                 |             |                      |                |                  |
| 2               |                                  |        |                                                                                                                                                        | SS4           | 100        | 13-50-50 / 76 mm                     | 100          | 0         |                     |        |        |        |                     | 7                  |             |                      |                |                  |
| 3               | 3.05<br>156.64<br>3.18<br>156.51 |        | WEATHERED SHALE, red<br>End of Hole at 3.18 m BGS                                                                                                      | SS5           | 100<br>0   |                                      |              | 0         |                     |        |        |        |                     | 4                  |             |                      |                |                  |
| 4               |                                  |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 5               |                                  |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 6               |                                  |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 7               |                                  |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 8               |                                  |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 9               |                                  |        |                                                                                                                                                        |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-16**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 25/06/2025

Northing: 4811743.46 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599743.66 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

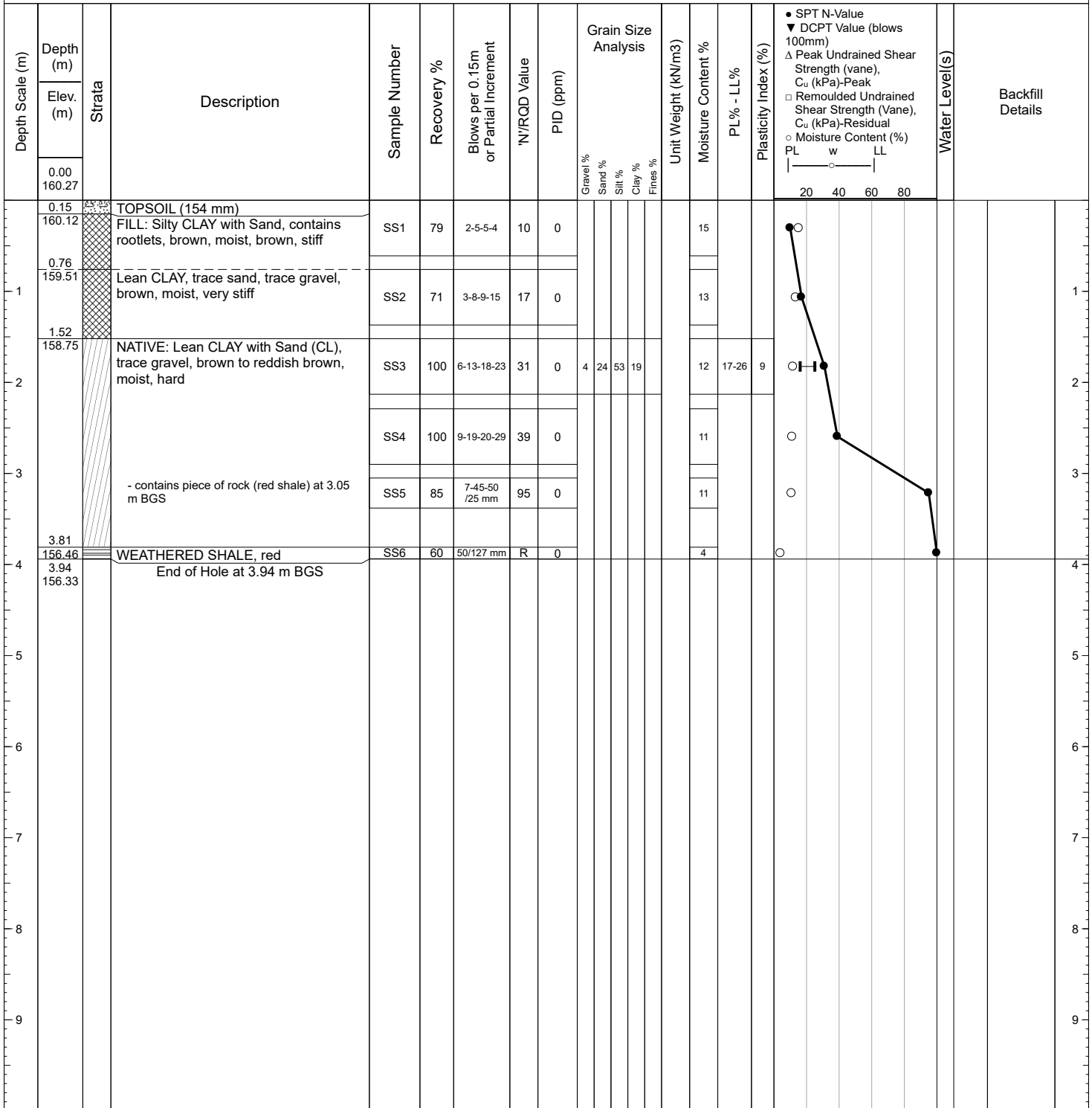
Elevation: 160.27 m

Final Depth: 3.94 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-17**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 24/06/2025

Northing: 4811777.01 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599769.03 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 159.77 m

Final Depth: 3.23 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata | Description                                                                  | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------|--------|------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)      |        |                                                                              |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>159.77 |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.15<br>159.62 |        | TOPSOIL (154 mm)                                                             | SS1           | 71         | 2-3-4-5                              | 7            | 0.1       |                     |        |        |        |         |                     | 17                 |             |                      |                |                  |
|                 |                |        | FILL: Lean CLAY, trace sand, contains rootlets, brown, moist, firm           |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 1               | 0.76<br>159.01 |        | NATIVE: Sandy Lean CLAY (CL), trace gravel, brown, moist, very stiff to hard | SS2           | 100        | 4-7-9-11                             | 16           | 0         |                     |        |        |        |         |                     | 14                 |             |                      |                |                  |
| 2               |                |        |                                                                              | SS3           | 79         | 7-15-20-26                           | 35           | 0         |                     |        |        |        |         |                     | 11                 |             |                      |                |                  |
|                 |                |        |                                                                              | SS4           | 100        | 7-22-30-50 / 127 mm                  | 52           | 0         | 12                  | 29     | 42     | 17     |         |                     | 10                 | 16-25       | 9                    |                |                  |
| 3               | 3.05<br>156.72 |        | WEATHERED SHALE, red                                                         | SS5           | 71         | 50-50 / 26 mm                        | R            |           |                     |        |        |        |         |                     | 4                  |             |                      |                |                  |
|                 | 3.23<br>156.54 |        | End of Hole at 3.23 m BGS                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                |        |                                                                              |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit





# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**MW25-18**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date Range (dd/mm/yyyy): 23/06/2025 - 24/06/2025

Northing: 4811813.13 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599791.24 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger/HQ Coring

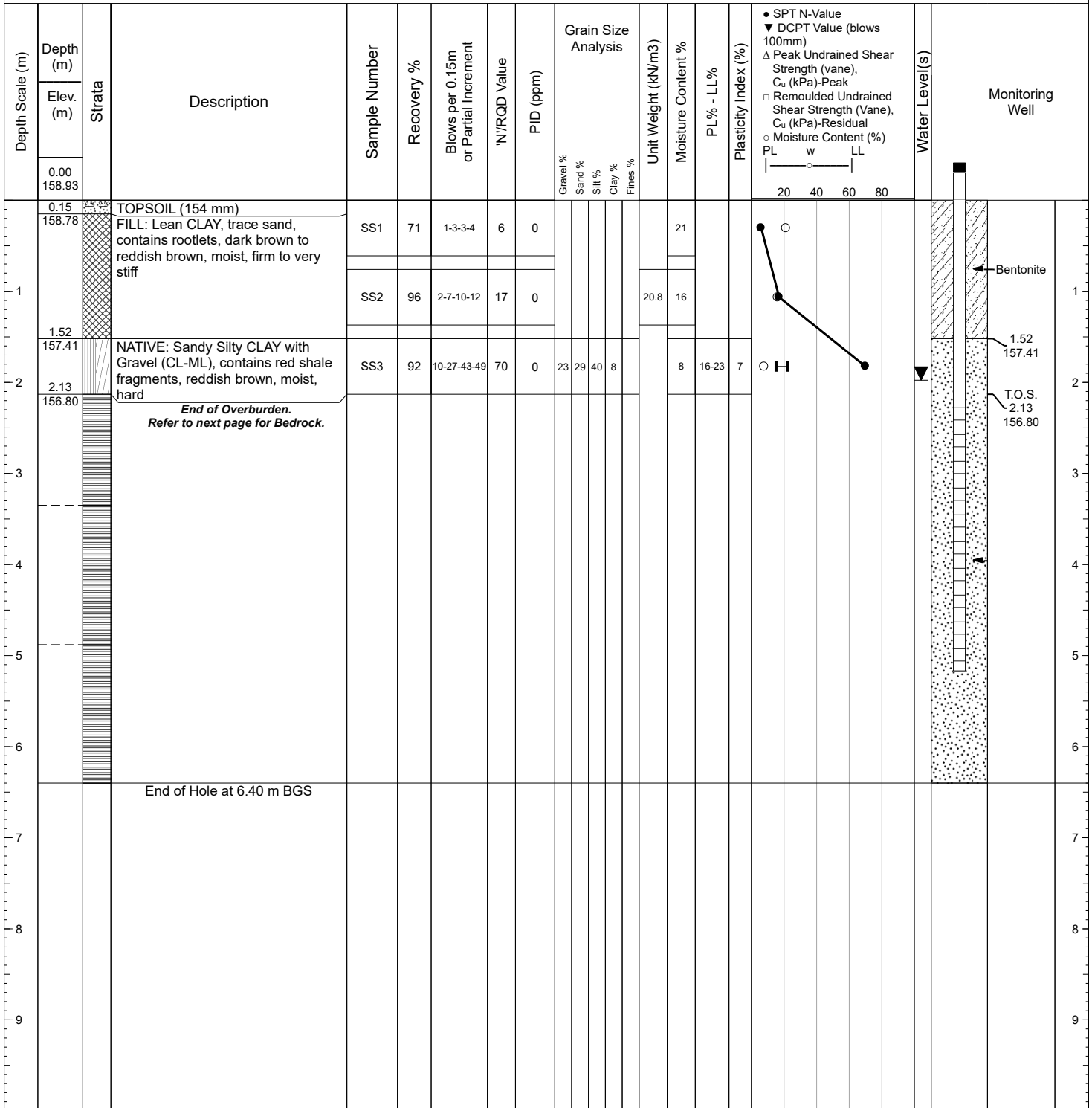
Elevation: 158.93 m

Final Depth: 6.40 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed





## STRATIGRAPHIC AND INSTRUMENTATION RECORD

(Bedrock)

MW25-18

Project Number: 12669624

Client: Infrastructure Ontario

Page 2 of 2

Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date Range (dd/mm/yyyy): 23/06/2025 - 24/06/2025

Northing: 4811813.13 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599791.24 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger/HQ Coring

Elevation: 158.93 m

Final Depth: 6.40 m

Hole Diameter(s): 197 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m) | Strata | Description                                                                                                                                                                                                                                             | Run Number | Core Recovery % |       | N/RQD Value | Fracture Index (#/Interval)          | Strength Data  |                  | Water Level(s) | Defect Description | Monitoring Well |  |  |  |   |
|-----------------|-----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|-------|-------------|--------------------------------------|----------------|------------------|----------------|--------------------|-----------------|--|--|--|---|
|                 | Elev. (m) |        |                                                                                                                                                                                                                                                         |            | Total           | Solid |             |                                      | Strength Index | Weathering Index |                |                    |                 |  |  |  |   |
|                 |           |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  |   |
|                 |           |        | Start of Bedrock Log.<br>Refer to previous page for Overburden Details.                                                                                                                                                                                 |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  |   |
| 1               |           |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 1 |
| 2               | 2.13      |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 2 |
| 3               | 156.80    |        | SHALE, thinly bedded red/gray limy shale<br>Run 1: slightly weathered (W2), weak to medium strong (R2-R3)<br>Disintegrated to soil and rock fragments: (2.13-2.92 m, W4);<br>Fragments: (3.12-3.22 m)<br>Limestone: (3.27-3.35 m)                       | Run 1      | 100             | 27    | 23          | 0.00<br>0.00<br>0.00<br>1.00         | R2-R3          | W2               |                |                    |                 |  |  |  | 3 |
| 4               | 3.35      |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 4 |
|                 | 155.58    |        | Run 2: slightly weathered (W2), weak to medium strong (R2-R3)<br>Joints:<br>3.40, 3.55 m (0° - 1-5 mm open);<br>3.91, 4.26, 4.70 m (0° - 10 mm Clay fill)<br>Fragments-Clay fill (3.78-3.91 m)<br>Limestone (4.04-4.11 m); (4.16-4.19 m); (4.59-4.80 m) | Run 2      | 100             | 88    | 88          | 2.00<br>1.00<br>1.00<br>0.00<br>1.00 | R2-R3          | W2               |                |                    |                 |  |  |  | 4 |
| 5               | 4.88      |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 5 |
|                 | 154.05    |        | Run 3: thinly bedded red limy shale<br>fresh (W1), medium strong (R3)<br>Joints: 4.96 m (0°)                                                                                                                                                            | Run 3      | 100             | 97    | 95          | 1.00<br>0.00<br>0.00<br>0.00         | R3             | W1               |                |                    |                 |  |  |  | 5 |
| 6               | 6.40      |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 6 |
|                 | 152.53    |        | End of Hole at 6.40 m BGS                                                                                                                                                                                                                               |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 6 |
| 7               |           |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 7 |
| 8               |           |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 8 |
| 9               |           |        |                                                                                                                                                                                                                                                         |            |                 |       |             |                                      |                |                  |                |                    |                 |  |  |  | 9 |

## Legend:

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 1.98 m on 24/06/2025

Last Water Level Taken: 10/07/2025

## Well - Reference Elevation(s)

| Location | Elevation (m) |
|----------|---------------|
| MW25-18  | 159.84        |

T.O.S.: Top of Screen  
B.O.S.: Bottom of Screen  
Screen Diameter: mm  
Screen Slot Size: 51 mm  
Material: PVCmBGS: Meters below ground surface  
mBTC: Meters below top of casing

## Water Readings

| Date (dd/mm/yyyy) | Depth | Unit |
|-------------------|-------|------|
| 23/06/2025        | 1.98  | mBGS |
| 27/06/2025        | 2.66  | mBGS |
| 10/07/2025        | 2.59  | mBGS |



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-19**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 27/06/2025

Northing: 4811578.31 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599579.87 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 162.23 m

Final Depth: 3.66 m

Hole Diameter(s): 146 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata | Description                                                                                                       | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------|--------|-------------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)      |        |                                                                                                                   |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>162.23 |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.25           |        | TOPSOIL (254 mm)                                                                                                  |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 161.98         |        | FILL: Lean CLAY with Sand, trace gravel, contains rootlets, brown, moist, stiff                                   | SS1           | 75         | 1-6-8-15                             | 14           | 0         |                     |        |        |        |         | 16                  |                    |             |                      |                |                  |
| 1               | 0.76<br>161.47 |        | NATIVE: Sandy Lean CLAY (CL), trace gravel, brown to reddish brown, signs of oxidation, moist, very stiff to hard | SS2           |            | 6-11-13-15                           | 24           | 0         |                     |        |        |        |         | 14                  |                    |             |                      |                |                  |
| 2               |                |        |                                                                                                                   | SS3           | 100        | 7-13-19-21                           | 32           | 0         |                     |        |        |        |         | 13                  |                    |             |                      |                |                  |
| 3               |                |        |                                                                                                                   | SS4           | 100        | 6-15-21-28                           | 36           | 0         | 5                   | 26     | 51     | 18     |         | 12                  | 16-24              | 8           |                      |                |                  |
|                 |                |        | - contains shale fragments at 3.05 m BGS                                                                          |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 |                |        |                                                                                                                   | SS5           | 100        | 13-22-25-48                          | 47           | 0         |                     |        |        |        |         | 13                  |                    |             |                      |                |                  |
|                 | 3.66<br>158.57 |        | End of Hole at 3.66 m BGS                                                                                         |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                |        |                                                                                                                   |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-20**

Project Number: 12669624

Client: Infrastructure Ontario

Page 1 of 1

Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 27/06/2025

Northing: 4811649.03 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599497.90 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 162.18 m

Final Depth: 3.48 m

Hole Diameter(s): 146 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata | Description                                                                                                           | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------|--------|-----------------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)      |        |                                                                                                                       |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>162.18 |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.25           |        | TOPSOIL (254 mm)                                                                                                      |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 161.93         |        | FILL: Lean CLAY with Sand, trace gravel, contains rootlets, brown, moist, firm                                        | SS1           | 96         | 1-3-4-9                              | 7            |           |                     |        |        |        |         | 18                  |                    |             |                      |                |                  |
| 1               | 0.76<br>161.42 |        | NATIVE: Lean CLAY with Sand (CL), trace gravel, reddish brown, contains signs of oxidation, moist, very stiff to hard | SS2           | 100        | 5-12-13-18                           | 25           |           |                     |        |        |        |         | 13                  |                    |             |                      |                |                  |
| 2               |                |        |                                                                                                                       | SS3           | 100        | 6-11-14-18                           | 25           |           | 6                   | 22     | 52     | 20     |         | 13                  | 17-25              | 8           |                      |                |                  |
|                 |                |        |                                                                                                                       | SS4           | 100        | 7-13-24-30                           | 37           |           |                     |        |        |        |         | 12                  |                    |             |                      |                |                  |
| 3               |                |        |                                                                                                                       | SS5           | 100        | 11-25-50 / 127 mm                    | 75           |           |                     |        |        |        |         | 10                  |                    |             |                      |                |                  |
|                 | 3.48<br>158.70 |        | End of Hole at 3.48 m BGS                                                                                             |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                |        |                                                                                                                       |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-21**

Project Number: 12669624

Client: Infrastructure Ontario

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Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 27/06/2025

Northing: 4811735.18 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599486.31 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

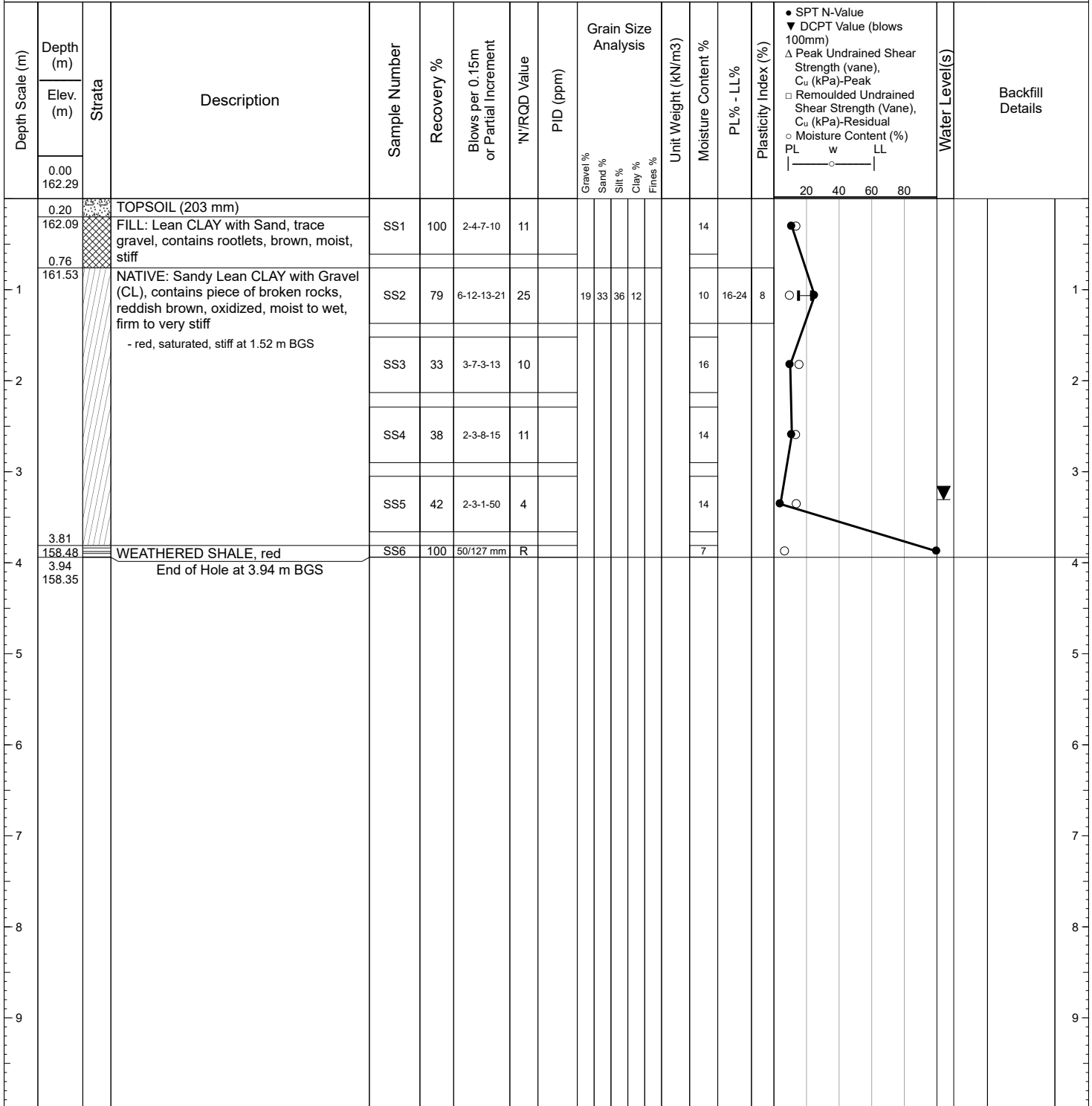
Elevation: 162.29 m

Final Depth: 3.94 m

Hole Diameter(s): 146 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: 3.31 m on 27/06/2025

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-22**

Project Number: 12669624

Client: Infrastructure Ontario

Page 1 of 1

Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 27/06/2025

Northing: 4811830.55 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599564.40 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 161.77 m

Final Depth: 3.66 m

Hole Diameter(s): 146 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata | Description                                                                                                        | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        |         | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------|--------|--------------------------------------------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)      |        |                                                                                                                    |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % | Fines % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>161.77 |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
|                 | 0.20<br>161.57 |        | TOPSOIL (203 mm)                                                                                                   | SS1           | 96         | 1-3-5-7                              | 8            |           |                     |        |        |        |         | 21                  |                    |             |                      |                |                  |
| 1               |                |        | FILL: Lean CLAY with Gravel, trace sand, contains rootlets, piece of rocks, reddish brown, moist, stiff            | SS2           | 62         | 3-4-5-5                              | 9            |           |                     |        |        |        |         | 13                  |                    |             |                      |                |                  |
|                 | 1.52<br>160.25 |        | NATIVE: Sandy Lean CLAY with Gravel (CL), contains piece of broken rocks, reddish brown, moist, very stiff to hard | SS3           | 87         | 4-11-10-14                           | 21           |           | 17                  | 28     | 41     | 14     |         | 11                  | 17-25              | 8           |                      |                |                  |
| 2               |                |        |                                                                                                                    | SS4           | 25         | 8-9-11-12                            | 20           |           |                     |        |        |        |         | 12                  |                    |             |                      |                |                  |
| 3               |                |        |                                                                                                                    | SS5           | 79         | 12-24-25-19                          | 49           |           |                     |        |        |        |         | 10                  |                    |             |                      |                |                  |
|                 | 3.66<br>158.11 |        | End of Hole at 3.66 m BGS                                                                                          |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 4               |                |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 5               |                |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 6               |                |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 7               |                |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 8               |                |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |
| 9               |                |        |                                                                                                                    |               |            |                                      |              |           |                     |        |        |        |         |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit



# STRATIGRAPHIC AND INSTRUMENTATION RECORD (Overburden)

**BH25-23**

Project Number: 12669624

Client: Infrastructure Ontario

Page 1 of 1

Project: Proposed MECP-MLITSD Science Facility Complex

Location: Oakville Land Assembly - William Halton Parkway, Oakville, Ontario

Date (dd/mm/yyyy): 27/06/2025

Northing: 4811934.12 m

Logged By: Reza Bay

Drilling Company: 3D Drilling

Easting: 599633.58 m

Approved By: Brice Zanne

Equipment Used: Track Mounted CME 55

Horizontal Datum: NAD83 / UTM zone 17N

Drilling Method(s): Hollow Stem Auger

Elevation: 160.73 m

Final Depth: 3.23 m

Hole Diameter(s): 146 mm

Elevation Datum:

Coordinates and Elevation Values are Surveyed

| Depth Scale (m) | Depth (m)      | Strata | Description                                                                    | Sample Number | Recovery % | Blows per 0.15m or Partial Increment | N'/RQD Value | PID (ppm) | Grain Size Analysis |        |        |        | Unit Weight (kN/m3) | Moisture Content % | PL % - LL % | Plasticity Index (%) | Water Level(s) | Backfill Details |
|-----------------|----------------|--------|--------------------------------------------------------------------------------|---------------|------------|--------------------------------------|--------------|-----------|---------------------|--------|--------|--------|---------------------|--------------------|-------------|----------------------|----------------|------------------|
|                 | Elev. (m)      |        |                                                                                |               |            |                                      |              |           | Gravel %            | Sand % | Silt % | Clay % |                     |                    |             |                      |                |                  |
|                 | 0.00<br>160.73 |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
|                 | 0.25           |        | TOPSOIL (254 mm)                                                               |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
|                 | 160.48         |        | FILL: Silty CLAY with Sand, contains rootlets, brown, moist, stiff             | SS1           | 67         | 1-4-4-5                              | 8            |           |                     |        |        |        |                     | 24                 |             |                      |                |                  |
|                 | 0.76           |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 1               | 159.97         |        | NATIVE: Sandy Silty CLAY with Gravel (CL-ML), brown, moist, very stiff to hard | SS2           |            | 6-11-14-18                           | 25           |           |                     |        |        |        |                     | 12                 |             |                      |                |                  |
|                 |                |        | - contains piece of broken rocks at 1.52 m BGS                                 | SS3           | 100        | 8-16-46-49                           | 62           |           | 16                  | 28     | 42     | 14     |                     | 9                  | 16-23       | 7                    |                |                  |
| 2               |                |        | - contains weathered shale, red at 2.29 m BGS                                  | SS4           | 46         | 10-24-37-50                          | 61           |           |                     |        |        |        |                     | 11                 |             |                      |                |                  |
| 3               | 3.05           |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
|                 | 157.68         |        | WEATHERED SHALE, red                                                           | SS5           | 85         | 36-50<br>26 mm                       | R            |           |                     |        |        |        |                     | 10                 |             |                      |                |                  |
|                 | 3.23<br>157.50 |        | End of Hole at 3.23 m BGS                                                      |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 4               |                |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 5               |                |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 6               |                |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 7               |                |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 8               |                |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |
| 9               |                |        |                                                                                |               |            |                                      |              |           |                     |        |        |        |                     |                    |             |                      |                |                  |

**Legend:**

Measuring Point Elevation may change; Refer to Current Elevation Table

At Time of Drilling:

Upon Completion of Drilling: Dry

Last Water Level Taken:

N Value: R - Refusal

**Well - Reference Elevation(s)**

Location Elevation (m)

Screen Diameter: mm

Screen Slot Size:

Material:

**Water Readings**

Date (dd/mm/yyyy) Depth Unit

# **Appendix C**

## **Analytical Data Verification & Laboratory Certificates of Analysis**



## CERTIFICATE OF ANALYSIS

|                         |                                                    |                       |                                                           |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------|
| Work Order              | : WT2516558                                        | Page                  | : 1 of 61                                                 |
| Amendment               | : 3                                                |                       |                                                           |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                            |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                          |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo ON Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                         |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 23-Jun-2025 11:30                                       |
| PO                      | : 735-014194-1                                     | Date Analysis         | : 25-Jun-2025                                             |
|                         |                                                    | Commenced             |                                                           |
| C-O-C number            | : ----                                             | Issue Date            | : 10-Jul-2025 11:14                                       |
| Sampler                 | : CLIENT                                           |                       |                                                           |
| Site                    | : ----                                             |                       |                                                           |
| Quote number            | : 12669624-ExC-01-ALS-June<br>2025-PO-735-014194-1 |                       |                                                           |
| No. of samples received | : 22                                               |                       |                                                           |
| No. of samples analysed | : 22                                               |                       |                                                           |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| Signatories       | Position                                    | Laboratory Department               |
|-------------------|---------------------------------------------|-------------------------------------|
| Amaninder Dhillon | Team Lead - Semi-Volatile Instrumentation   | Organics, Waterloo, Ontario         |
| David Tremblett   | VOC Section Supervisor                      | VOC, Waterloo, Ontario              |
| Jocelyn Kennedy   | Department Manager - Semi-Volatile Organics | Organics, Waterloo, Ontario         |
| Josphin Masihi    | Supervisor I                                | Centralized Prep, Waterloo, Ontario |
| Nik Perkio        | Senior Analyst                              | Inorganics, Waterloo, Ontario       |
| Niral Patel       |                                             | Centralized Prep, Waterloo, Ontario |
| Walt Kippenhuck   | Supervisor - Inorganic                      | Inorganics, Waterloo, Ontario       |
| Walt Kippenhuck   | Supervisor - Inorganic                      | Metals, Waterloo, Ontario           |



## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

**Key :**  
 CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances  
 LOR: Limit of Reporting (detection limit).  
 Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.  
 Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

| Unit     | Description                   |
|----------|-------------------------------|
| -        | no units                      |
| %        | percent                       |
| µS/cm    | microsiemens per centimetre   |
| mg/kg    | milligrams per kilogram       |
| mg/L     | milligrams per litre          |
| mS/cm    | millisiemens per centimetre   |
| mV       | millivolts                    |
| ohm cm   | ohm centimetres (resistivity) |
| pH units | pH units                      |

>: greater than.

<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

## Workorder Comments

Amendment (10/July/2025): This report has been amended as a result of a clerical error to a sample identification number. All analysis results are as per the previous report.

Amendment (07-JULY-2025): This report has been amended to include requested guideline(s). All analysis results are as per the previous report. T3-ICC-Fine, and Table 1

## Qualifiers

| Qualifier | Description                                                                                            |
|-----------|--------------------------------------------------------------------------------------------------------|
| DLM       | Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity). |



## Analytical Results

WT2516558-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: TRIP BLANK

Client sampling date / time: 18-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Physical Tests                    |             |         |        |       |            |             |               |         |
| Moisture                          | ----        | <0.25   | 0.25   | %     | E144/WT    | -           | 25-Jun-2025   | 2075388 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2,2-     | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: TRIP BLANK

Client sampling date / time: 18-Jun-2025

| Analyte                               | CAS Number | Result | LOR  | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------|------------|--------|------|-------|------------|-------------|---------------|---------|
| Hydrocarbons                          |            |        |      |       |            |             |               |         |
| F1 (C6-C10)                           | ----       | <5.0   | 5.0  | mg/kg | E581.F1/WT | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F1-BTEX                               | ----       | <5.0   | 5    | mg/kg | EC580/WT   | -           | 26-Jun-2025   | -       |
| Hydrocarbons Surrogates               |            |        |      |       |            |             |               |         |
| Dichlorotoluene, 3,4-                 | 95-75-0    | 97.1   | 1.0  | %     | E581.F1/WT | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates |            |        |      |       |            |             |               |         |
| Bromofluorobenzene, 4-                | 460-00-4   | 111    | 0.10 | %     | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                 | 540-36-3   | 104    | 0.10 | %     | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-0-2'

Client sampling date / time: 18-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.223  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 19.9   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.33   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 12.3   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 1.65   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 3.08   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.22   | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.20   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.84   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 119    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.86   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 8.1    | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.23   | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.262  | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 28.0   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 11.2   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 24.8   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 15.8   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0387 | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.82   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 22.8   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | 0.29   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | 0.12   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.156  | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |



## Analytical Results

WT2516558-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-0-2'

Client sampling date / time: 18-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Uranium                           | 7440-61-1  | 0.609   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 39.9    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 74.7    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6    | <0.010  | 0.010  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                    | 75-01-4    | <0.020  | 0.020  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |





## Analytical Results

WT2516558-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-0-2'

Client sampling date / time: 18-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.0   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 99.6   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 101    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 93.1   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2  | 81.7   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5   | 94.3   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2   | 86.4   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2   | 83.4   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-0-2'

Client sampling date / time: 18-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Aldrin                               | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)              | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                     | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)            | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                           | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                           | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                           | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                           | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                           | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                           | 50-29-3    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                             | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                   | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                    | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                    | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                               | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                           | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Methoxychlor                         | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 75.0     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                 | 877-09-8   | 88.7     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-5-7'

Client sampling date / time: 18-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.157  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 11.0   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.87   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.26   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |



## Analytical Results

WT2516558-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-5-7'

Client sampling date / time: 18-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Magnesium, soluble ion content | 7439-95-4  | 3.17    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 2.10    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.21    | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.20    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 6.27    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 69.5    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.86    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 15.6    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.28    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.104   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 25.6    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 15.4    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 35.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 11.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0156  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.53    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 31.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.147   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 1.10    | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 33.5    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 69.4    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-           | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-         | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-     | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |





## Analytical Results

WT2516558-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-5-7'

Client sampling date / time: 18-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 84.1   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 84.3   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 105    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 98.5   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-5-7'

Client sampling date / time: 18-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 91.8   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 87.7   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 89.7   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 94.4   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-7.5-9.5'

Client sampling date / time: 18-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.147  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 7.79   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.96   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 1.94   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 2.59   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 1.81   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.20   | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.27   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 5.65   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 179    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |



## Analytical Results

WT2516558-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-7.5-9.5'

Client sampling date / time: 18-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Beryllium                         | 7440-41-7  | 0.74    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                             | 7440-42-8  | 21.0    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble          | 7440-42-8  | 0.37    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                           | 7440-43-9  | 0.100   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                          | 7440-47-3  | 22.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                            | 7440-48-4  | 13.5    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                            | 7440-50-8  | 28.0    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                              | 7439-92-1  | 11.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                           | 7439-97-6  | 0.0082  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                        | 7439-98-7  | 0.86    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                            | 7440-02-0  | 27.6    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                          | 7440-28-0  | 0.106   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 0.698   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 30.3    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 62.8    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-MW25-14-7.5-9.5'

Client sampling date / time: 18-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 90.0   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 96.9   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 102    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 93.0   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-DUP 1

Client sampling date / time: 18-Jun-2025

| Analyte                     | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests              |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate) | ----       | 0.223  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                    | ----       | 17.3   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)      | ----       | 7.40   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |





## Analytical Results

WT2516558-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-DUP 1

Client sampling date / time: 18-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Cyanides</b>                   |            |         |        |       |            |             |               |         |
| Cyanide, weak acid dissociable    | ----       | <0.050  | 0.050  | mg/kg | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| <b>Fixed-Ratio Extractables</b>   |            |         |        |       |            |             |               |         |
| Calcium, soluble ion content      | 7440-70-2  | 11.3    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content    | 7439-95-4  | 2.05    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content       | 17341-25-2 | 3.62    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]     | ----       | 0.26    | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Antimony                          | 7440-36-0  | 0.21    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                           | 7440-38-2  | 5.10    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                            | 7440-39-3  | 120     | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                         | 7440-41-7  | 0.90    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                             | 7440-42-8  | 9.4     | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble          | 7440-42-8  | 0.20    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                           | 7440-43-9  | 0.251   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                          | 7440-47-3  | 27.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                            | 7440-48-4  | 11.2    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                            | 7440-50-8  | 26.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                              | 7439-92-1  | 15.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                           | 7439-97-6  | 0.0359  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                        | 7439-98-7  | 0.68    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                            | 7440-02-0  | 24.0    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                          | 7782-49-2  | 0.25    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                            | 7440-22-4  | 0.13    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                          | 7440-28-0  | 0.162   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 0.610   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 39.5    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 76.3    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-DUP 1

Client sampling date / time: 18-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.8   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 101    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 103    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 94.5   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |



## Analytical Results

WT2516558-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-DUP 1

Client sampling date / time: 18-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 82.5     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 91.4     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 86.3     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 83.3     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |



## Analytical Results

WT2516558-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-18/06/25-RB-DUP 1

Client sampling date / time: 18-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Methoxychlor                         | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 89.9     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                 | 877-09-8   | 92.7     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-0-2'

Client sampling date / time: 19-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.0855 | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 14.0   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.08   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 7.50   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 13.2   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.84   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10  | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.20   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 6.21   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 136    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 1.18   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 8.7    | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.21   | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.172  | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 32.4   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 13.9   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 34.2   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 17.0   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0464 | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.51   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 31.5   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | 0.24   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | 0.12   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |





## Analytical Results

WT2516558-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-0-2'

Client sampling date / time: 19-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Thallium                          | 7440-28-0  | 0.201   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 0.616   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 45.2    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 80.8    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.38    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6    | <0.010  | 0.010  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-0-2'

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.7   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 98.0   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 99.4   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 90.5   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2  | 88.6   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5   | 89.6   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2   | 87.1   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-0-2'

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Phenanthrene-d10                            | 1517-22-2  | 90.9     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Methoxychlor                                | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Organochlorine Pesticides Surrogates        |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 84.7     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                        | 877-09-8   | 85.6     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-2.5-4.5'

Client sampling date / time: 19-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.114  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 11.8   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.59   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |



## Analytical Results

WT2516558-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-2.5-4.5'

Client sampling date / time: 19-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.95    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50   | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.53    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10   | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.45    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 76.0    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.70    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 11.8    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.113   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 20.6    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 10.6    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 23.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 10.5    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0154  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.37    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 23.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.134   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.505   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 29.6    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 60.1    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.17    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-           | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-         | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |





## Analytical Results

WT2516558-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-2.5-4.5'

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 84.2   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 106    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 102    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 92.7   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-2.5-4.5'

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 90.5   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 92.7   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 86.2   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 90.8   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-5-7'

Client sampling date / time: 19-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.115  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 11.1   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.63   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.42   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 0.58   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.63   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10  | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.14   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.72   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |



## Analytical Results

WT2516558-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-5-7'

Client sampling date / time: 19-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Barium                            | 7440-39-3  | 89.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                         | 7440-41-7  | 0.68    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                             | 7440-42-8  | 11.3    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble          | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                           | 7440-43-9  | 0.109   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                          | 7440-47-3  | 20.9    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                            | 7440-48-4  | 11.0    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                            | 7440-50-8  | 26.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                              | 7439-92-1  | 10.3    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                           | 7439-97-6  | 0.0146  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                        | 7439-98-7  | 0.49    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                            | 7440-02-0  | 24.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                          | 7440-28-0  | 0.138   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 0.817   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 29.6    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 60.5    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.20    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-MW25-08-5-7'

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.5   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 107    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 108    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 98.8   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-DUP 2

Client sampling date / time: 19-Jun-2025

| Analyte                     | CAS Number | Result | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------|------------|--------|---------|-------|------------|-------------|---------------|---------|
| Physical Tests              |            |        |         |       |            |             |               |         |
| Conductivity (1:2 leachate) | ----       | 0.116  | 0.00500 | mS/cm | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                    | ----       | 11.7   | 0.25    | %     | E144/WT    | -           | 25-Jun-2025   | 2074033 |





## Analytical Results

WT2516558-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-DUP 2

Client sampling date / time: 19-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |        |          |            |             |               |         |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.64    | 0.10   | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |         |        |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050  | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |         |        |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.87    | 0.50   | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50   | 0.50   | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.53    | 0.50   | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10   | 0.10   | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |         |        |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.15    | 0.10   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.60    | 0.10   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 75.1    | 0.50   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.70    | 0.10   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 11.6    | 5.0    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10   | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.106   | 0.020  | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 21.0    | 0.50   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 10.8    | 0.10   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 24.7    | 0.50   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 11.2    | 0.50   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0154  | 0.0050 | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.40    | 0.10   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 23.5    | 0.50   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.138   | 0.050  | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.518   | 0.050  | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 29.6    | 0.20   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 58.9    | 2.0    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |         |        |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.15    | 0.10   | mg/kg    | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds     |            |         |        |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-DUP 2

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.6   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 102    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 108    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-DUP 2

Client sampling date / time: 19-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |        |       |       |            |             |               |         |
| Difluorobenzene, 1,4-                       | 540-36-3   | 99.6   | 0.10  | %     | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 87.2   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 90.9   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 86.1   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 88.7   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.0921 | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 14.0   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 6.55   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 5.09   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 5.99   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.97   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |



## Analytical Results

WT2516558-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium adsorption ratio [SAR] | ----       | <0.10   | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.17    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                       | 7440-38-2  | 4.40    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                        | 7440-39-3  | 91.5    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                     | 7440-41-7  | 0.78    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                         | 7440-42-8  | 5.4     | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble      | 7440-42-8  | 0.23    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                       | 7440-43-9  | 0.216   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                      | 7440-47-3  | 25.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                        | 7440-48-4  | 11.5    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                        | 7440-50-8  | 20.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                          | 7439-92-1  | 16.9    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                       | 7439-97-6  | 0.0542  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                    | 7439-98-7  | 0.56    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                        | 7440-02-0  | 21.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                      | 7782-49-2  | 0.35    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                        | 7440-22-4  | 0.14    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                      | 7440-28-0  | 0.158   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                       | 7440-61-1  | 0.593   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                      | 7440-62-2  | 36.3    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                          | 7440-66-6  | 74.7    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | 0.11    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane               | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |





## Analytical Results

WT2516558-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.6   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 101    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 101    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 92.0   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 97.3     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 95.7     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 95.2     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 99.5     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                                  | ----       | <0.00067 | 0.00067 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                                  | 72-55-9    | 0.00170  | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                                  | ----       | 0.00170  | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                                  | 50-29-3    | 0.00046  | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                                  | ----       | 0.00046  | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Methoxychlor                                | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |



## Analytical Results

WT2516558-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                              | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|--------|-----|------|------------|-------------|---------------|---------|
| Organochlorine Pesticides Surrogates |            |        |     |      |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 69.6   | 0.1 | %    | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                 | 877-09-8   | 82.0   | 0.1 | %    | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.120  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 12.2   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.62   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.86   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50  | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 1.00   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.14   | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.14   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.34   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 90.9   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.62   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 10.8   | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | <0.10  | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.114  | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 19.7   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 10.1   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 21.9   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 9.11   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0144 | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.35   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 22.3   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20  | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.128  | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.505  | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 28.3   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 52.9   | 2.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |        |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.10   | 0.10    | mg/kg    | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |



## Analytical Results

WT2516558-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                      |             |         |        |       |            |             |               |         |
| F1 (C6-C10)                       | ----        | <5.0    | 5.0    | mg/kg | E581.F1/WT | 25-Jun-2025 | 25-Jun-2025   | 2074368 |





## Analytical Results

WT2516558-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |       |       |              |             |               |         |
| F2 (C10-C16)                                | ----       | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----       | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a        | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----       | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |            |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 87.5   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 96.0   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |            |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 101    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 93.4   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 88.3   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 92.6   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 86.7   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 87.8   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.



## Analytical Results

WT2516558-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                             | CAS Number | Result  | LOR    | Unit     | Method/Lab  | Prep Date   | Analysis Date | QCLot   |
|-------------------------------------|------------|---------|--------|----------|-------------|-------------|---------------|---------|
| Physical Tests                      |            |         |        |          |             |             |               |         |
| Conductivity (1:2 leachate)         | ----       | 131     | 5.00   | µS/cm    | E100-L/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                            | ----       | 10.1    | 0.25   | %        | E144/WT     | -           | 25-Jun-2025   | 2074033 |
| Oxidation-reduction potential [ORP] | ----       | 253     | 0.10   | mV       | E125/WT     | 26-Jun-2025 | 27-Jun-2025   | 2077871 |
| pH (1:2 soil:CaCl2-aq)              | ----       | 7.82    | 0.10   | pH units | E108A/WT    | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Resistivity                         | ----       | 7630    | 100    | ohm cm   | EC100R/WT   | -           | 27-Jun-2025   | -       |
| Cyanides                            |            |         |        |          |             |             |               |         |
| Cyanide, weak acid dissociable      | ----       | <0.050  | 0.050  | mg/kg    | E336A/WT    | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Inorganics                          |            |         |        |          |             |             |               |         |
| Sulfides, acid volatile             | ----       | 0.32    | 0.22   | mg/kg    | E396-L/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074712 |
| Fixed-Ratio Extractables            |            |         |        |          |             |             |               |         |
| Calcium, soluble ion content        | 7440-70-2  | 2.83    | 0.50   | mg/L     | E484/WT     | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content      | 7439-95-4  | 1.86    | 0.50   | mg/L     | E484/WT     | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content         | 17341-25-2 | 1.43    | 0.50   | mg/L     | E484/WT     | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]       | ----       | 0.16    | 0.10   | -        | E484/WT     | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                              |            |         |        |          |             |             |               |         |
| Antimony                            | 7440-36-0  | 0.44    | 0.10   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                             | 7440-38-2  | 5.32    | 0.10   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                              | 7440-39-3  | 103     | 0.50   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                           | 7440-41-7  | 0.87    | 0.10   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                               | 7440-42-8  | 29.9    | 5.0    | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble            | 7440-42-8  | 0.16    | 0.10   | mg/kg    | E487/WT     | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                             | 7440-43-9  | 0.079   | 0.020  | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                            | 7440-47-3  | 24.6    | 0.50   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                              | 7440-48-4  | 13.9    | 0.10   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                              | 7440-50-8  | 10.1    | 0.50   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                                | 7439-92-1  | 10.8    | 0.50   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                             | 7439-97-6  | <0.0050 | 0.0050 | mg/kg    | E510C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                          | 7439-98-7  | 1.10    | 0.10   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                              | 7440-02-0  | 29.0    | 0.50   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                            | 7782-49-2  | <0.20   | 0.20   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                              | 7440-22-4  | <0.10   | 0.10   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                            | 7440-28-0  | 0.111   | 0.050  | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                             | 7440-61-1  | 0.604   | 0.050  | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                            | 7440-62-2  | 34.6    | 0.20   | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                                | 7440-66-6  | 61.4    | 2.0    | mg/kg    | E440C/WT    | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals                    |            |         |        |          |             |             |               |         |
| Chromium, hexavalent [Cr VI]        | 18540-29-9 | <0.10   | 0.10   | mg/kg    | E532/WT     | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Leachable Anions & Nutrients        |            |         |        |          |             |             |               |         |
| Chloride, soluble ion content       | 16887-00-6 | <5.0    | 5.0    | mg/kg    | E236.CI/WT  | 27-Jun-2025 | 27-Jun-2025   | 2078166 |
| Sulfate, soluble ion content        | 14808-79-8 | 22      | 20     | mg/kg    | E236.SO4/WT | 27-Jun-2025 | 27-Jun-2025   | 2078167 |
| Volatile Organic Compounds          |            |         |        |          |             |             |               |         |
| Acetone                             | 67-64-1    | <0.50   | 0.50   | mg/kg    | E611D/WT    | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                             | 71-43-2    | <0.0050 | 0.0050 | mg/kg    | E611D/WT    | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane                | 75-27-4    | <0.050  | 0.050  | mg/kg    | E611D/WT    | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                           | 75-25-2    | <0.050  | 0.050  | mg/kg    | E611D/WT    | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                           | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds        |             |        |       |       |              |             |               |         |
| Bromomethane                      | 74-83-9     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                    | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                      | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                        | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                    | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                       | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                      |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                       | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                      | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3 (C16-C34)                      | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F4 (C34-C50)                      | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                           | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |



## Analytical Results

WT2516558-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-03-5-7'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number | Result | LOR  | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |      |       |              |             |               |         |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80   | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -    | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |            |        |      |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 87.4   | 1.0  | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 103    | 1.0  | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |            |        |      |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 105    | 0.10 | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 95.8   | 0.10 | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.144  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 10.9   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 6.64   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 5.82   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 1.78   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.69   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10  | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.24   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.22   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 70.9   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.63   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 5.4    | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.28   | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.247  | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 24.3   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 10.6   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 19.2   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 17.6   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0478 | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.54   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 19.3   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | 0.32   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | 0.20   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |





## Analytical Results

WT2516558-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Thallium                          | 7440-28-0  | 0.143   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 0.512   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 34.5    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 73.0    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.46    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6    | <0.010  | 0.010  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.2   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 85.6   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 100    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 93.5   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2  | 95.0   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5   | 95.7   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2   | 94.9   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-0-2'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Phenanthrene-d10                            | 1517-22-2  | 98.9     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Methoxychlor                                | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Organochlorine Pesticides Surrogates        |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 94.4     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                        | 877-09-8   | 88.4     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.124  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 11.9   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.52   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |



## Analytical Results

WT2516558-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.47    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50   | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.83    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.11    | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.27    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 75.7    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.69    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 11.7    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.126   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 21.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 11.0    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 23.3    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 10.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0166  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.38    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 23.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.133   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.514   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 30.5    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 57.4    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.15    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-           | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-         | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |





## Analytical Results

WT2516558-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.2   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 103    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 106    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 96.2   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-2.5-4.5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 88.9   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 91.4   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 87.9   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 90.6   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-015

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-5-7'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.115  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 11.1   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.65   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.39   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 0.60   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 0.73   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10  | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 5.44   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |



## Analytical Results

WT2516558-015

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-5-7'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Barium                            | 7440-39-3  | 97.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                         | 7440-41-7  | 0.68    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                             | 7440-42-8  | 12.1    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble          | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                           | 7440-43-9  | 0.120   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                          | 7440-47-3  | 21.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                            | 7440-48-4  | 11.7    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                            | 7440-50-8  | 25.9    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                              | 7439-92-1  | 10.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                           | 7439-97-6  | 0.0152  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                        | 7439-98-7  | 0.50    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                            | 7440-02-0  | 24.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                          | 7440-28-0  | 0.145   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 0.539   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 31.0    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 61.6    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.13    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-015

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-19/06/25-RB-BH25-05-5'

Client sampling date / time: 19-Jun-2025 12:00

| Analyte                          | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|----------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds       |             |        |       |       |              |             |               |         |
| Ethylbenzene                     | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                       | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]        | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]    | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]   | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                          | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-      | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-      | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene              | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                          | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-          | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-          | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane           | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                   | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                     | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                       | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                   | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                      | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                     |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                      | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                     | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3 (C16-C34)                     | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F4 (C34-C50)                     | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                          | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)     | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50 | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.218  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 20.1   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 6.98   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 8.83   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 2.23   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |





## Analytical Results

WT2516558-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium, soluble ion content   | 17341-25-2 | 6.57    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR] | ----       | 0.51    | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.16    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                       | 7440-38-2  | 4.95    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                        | 7440-39-3  | 148     | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                     | 7440-41-7  | 0.99    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                         | 7440-42-8  | 7.6     | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble      | 7440-42-8  | 0.47    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                       | 7440-43-9  | 0.323   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                      | 7440-47-3  | 29.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                        | 7440-48-4  | 10.9    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                        | 7440-50-8  | 23.8    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                          | 7439-92-1  | 16.1    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                       | 7439-97-6  | 0.0393  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                    | 7439-98-7  | 0.72    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                        | 7440-02-0  | 26.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                      | 7782-49-2  | 0.33    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                        | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                      | 7440-28-0  | 0.173   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                       | 7440-61-1  | 1.61    | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                      | 7440-62-2  | 41.3    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                          | 7440-66-6  | 87.6    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | 0.22    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 89.4   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 106    | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 105    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 94.4   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 96.1     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 97.6     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 91.1     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 99.1     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |



## Analytical Results

WT2516558-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QC/Lot  |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Methoxychlor                         | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 92.8     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                 | 877-09-8   | 82.8     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-017

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-2.5-4.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QC/Lot  |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.259  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 13.5   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.51   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 13.4   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 1.97   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 9.17   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.62   | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.22   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 5.24   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 136    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.77   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 15.0   | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.11   | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.124  | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 21.8   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 10.9   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 21.5   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 10.8   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0123 | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 1.59   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 24.3   | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20  | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.104  | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.753  | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 31.1   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 57.7   | 2.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |





## Analytical Results

WT2516558-017

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-2.5-4.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Speciated Metals                  |             |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9  | 0.20    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-017

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-2.5-4.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----       | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----       | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----       | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a        | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----       | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |            |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 84.8   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 98.9   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |            |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 106    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 97.5   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 83.0   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 78.5   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 87.8   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 92.1   | 0.1   | %     | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.



## Analytical Results

WT2516558-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-5-7'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.209   | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 13.5    | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.70    | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 5.40    | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 1.30    | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 10.8    | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 1.08    | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.28    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 4.55    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 166     | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.88    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 26.6    | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.65    | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.076   | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 23.2    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 14.0    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 7.98    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 11.5    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | <0.0050 | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 1.04    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 27.6    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.106   | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.607   | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 32.6    | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 61.0    | 2.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10    | mg/kg    | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |



## Analytical Results

WT2516558-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-5-7'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 84.8   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 65.5   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074368 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 104    | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2074367 |





## Analytical Results

WT2516558-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-5-7'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                               | CAS Number | Result | LOR  | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------|------------|--------|------|------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates |            |        |      |      |            |             |               |         |
| Difluorobenzene, 1,4-                 | 540-36-3   | 95.5   | 0.10 | %    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2074367 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-019

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-07-7.5-9.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                             | CAS Number | Result | LOR  | Unit     | Method/Lab  | Prep Date   | Analysis Date | QCLot   |
|-------------------------------------|------------|--------|------|----------|-------------|-------------|---------------|---------|
| Physical Tests                      |            |        |      |          |             |             |               |         |
| Conductivity (1:2 leachate)         | ----       | 177    | 5.00 | µS/cm    | E100-L/WT   | 30-Jun-2025 | 30-Jun-2025   | 2077872 |
| Moisture                            | ----       | 5.72   | 0.25 | %        | E144/WT     | -           | 26-Jun-2025   | 2076316 |
| Oxidation-reduction potential [ORP] | ----       | 262    | 0.10 | mV       | E125/WT     | 26-Jun-2025 | 27-Jun-2025   | 2077871 |
| pH (1:2 soil:CaCl2-aq)              | ----       | 7.86   | 0.10 | pH units | E108A/WT    | 26-Jun-2025 | 27-Jun-2025   | 2075371 |
| Resistivity                         | ----       | 5650   | 100  | ohm cm   | EC100R/WT   | -           | 30-Jun-2025   | -       |
| Inorganics                          |            |        |      |          |             |             |               |         |
| Sulfides, acid volatile             | ----       | 0.93   | 0.21 | mg/kg    | E396-L/WT   | 04-Jul-2025 | 04-Jul-2025   | 2089556 |
| Leachable Anions & Nutrients        |            |        |      |          |             |             |               |         |
| Chloride, soluble ion content       | 16887-00-6 | 15.6   | 5.0  | mg/kg    | E236.Cl/WT  | 30-Jun-2025 | 02-Jul-2025   | 2083191 |
| Sulfate, soluble ion content        | 14808-79-8 | 65     | 20   | mg/kg    | E236.SO4/WT | 30-Jun-2025 | 02-Jul-2025   | 2083192 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.286  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 18.2   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.59   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 21.6   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 2.45   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 5.62   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.30   | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 5.08   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 126    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |



## Analytical Results

WT2516558-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Beryllium                         | 7440-41-7  | 0.84    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                             | 7440-42-8  | 8.8     | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble          | 7440-42-8  | 0.11    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                           | 7440-43-9  | 0.144   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                          | 7440-47-3  | 24.6    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                            | 7440-48-4  | 9.36    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                            | 7440-50-8  | 28.6    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                              | 7439-92-1  | 12.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                           | 7439-97-6  | 0.0264  | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                        | 7439-98-7  | 0.78    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                            | 7440-02-0  | 24.9    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                          | 7782-49-2  | 0.22    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                          | 7440-28-0  | 0.154   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                           | 7440-61-1  | 1.02    | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                          | 7440-62-2  | 36.7    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                              | 7440-66-6  | 56.8    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.27    | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |



## Analytical Results

WT2516558-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075212 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.2   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 97.8   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075212 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 85.7   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 87.0   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 26-Jun-2025 | 27-Jun-2025   | 2074017 |



## Analytical Results

WT2516558-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-0-2'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 100      | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 116      | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 96.1     | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 103      | 0.1     | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| DDT, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Methoxychlor                                | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Organochlorine Pesticides Surrogates        |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 81.2     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |
| Tetrachloro-m-xylene                        | 877-09-8   | 87.2     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2075316 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.





## Analytical Results

WT2516558-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-2.5-4.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.170   | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 13.7    | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.48    | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 6.48    | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 1.07    | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium, soluble ion content    | 17341-25-2 | 2.99    | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR]  | ----       | 0.29    | 0.10    | -        | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.13    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                        | 7440-38-2  | 3.92    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                         | 7440-39-3  | 118     | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                      | 7440-41-7  | 0.88    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                          | 7440-42-8  | 22.8    | 5.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble       | 7440-42-8  | 0.13    | 0.10    | mg/kg    | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                        | 7440-43-9  | 0.098   | 0.020   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                       | 7440-47-3  | 20.8    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                         | 7440-48-4  | 13.2    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                         | 7440-50-8  | 10.9    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                           | 7439-92-1  | 9.77    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                        | 7439-97-6  | 0.0061  | 0.0050  | mg/kg    | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                     | 7439-98-7  | 0.56    | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                         | 7440-02-0  | 25.7    | 0.50    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                       | 7440-28-0  | 0.120   | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                        | 7440-61-1  | 0.791   | 0.050   | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                       | 7440-62-2  | 42.6    | 0.20    | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                           | 7440-66-6  | 62.9    | 2.0     | mg/kg    | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10    | mg/kg    | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |



## Analytical Results

WT2516558-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-2.5-4.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075212 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 86.3   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 95.1   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075212 |



## Analytical Results

WT2516558-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-2.5-4.5'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |        |       |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 90.8   | 0.10  | %     | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 95.5   | 0.10  | %     | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 88.5   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Chrysene-d12                                | 1719-03-5  | 91.4   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Naphthalene-d8                              | 1146-65-2  | 86.4   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |
| Phenanthrene-d10                            | 1517-22-2  | 90.2   | 0.1   | %     | E641A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074017 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516558-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-5-7'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.148  | 0.00500 | mS/cm    | E100-L/WT  | 26-Jun-2025 | 27-Jun-2025   | 2074025 |
| Moisture                       | ----       | 13.3   | 0.25    | %        | E144/WT    | -           | 25-Jun-2025   | 2074033 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.69   | 0.10    | pH units | E108A/WT   | 25-Jun-2025 | 27-Jun-2025   | 2074023 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 25-Jun-2025 | 26-Jun-2025   | 2074016 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.78   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Magnesium, soluble ion content | 7439-95-4  | 0.92   | 0.50    | mg/L     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |



## Analytical Results

WT2516558-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-5-7'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium, soluble ion content   | 17341-25-2 | 2.70    | 0.50   | mg/L  | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Sodium adsorption ratio [SAR] | ----       | 0.30    | 0.10   | -     | E484/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074024 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.26    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Arsenic                       | 7440-38-2  | 3.76    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Barium                        | 7440-39-3  | 165     | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Beryllium                     | 7440-41-7  | 0.73    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron                         | 7440-42-8  | 22.8    | 5.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Boron, hot water soluble      | 7440-42-8  | 0.15    | 0.10   | mg/kg | E487/WT    | 26-Jun-2025 | 26-Jun-2025   | 2074026 |
| Cadmium                       | 7440-43-9  | 0.098   | 0.020  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Chromium                      | 7440-47-3  | 19.9    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Cobalt                        | 7440-48-4  | 13.5    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Copper                        | 7440-50-8  | 12.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Lead                          | 7439-92-1  | 10.2    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Mercury                       | 7439-97-6  | <0.0050 | 0.0050 | mg/kg | E510C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074027 |
| Molybdenum                    | 7439-98-7  | 0.90    | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Nickel                        | 7440-02-0  | 24.4    | 0.50   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Selenium                      | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Silver                        | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Thallium                      | 7440-28-0  | 0.128   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Uranium                       | 7440-61-1  | 0.598   | 0.050  | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Vanadium                      | 7440-62-2  | 33.8    | 0.20   | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Zinc                          | 7440-66-6  | 57.0    | 2.0    | mg/kg | E440C/WT   | 26-Jun-2025 | 27-Jun-2025   | 2074028 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 25-Jun-2025 | 30-Jun-2025   | 2074022 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075211 |



## Analytical Results

WT2516558-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-20/06/25-RB-MW25-11-5-7'

Client sampling date / time: 20-Jun-2025 12:00

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075212 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 26-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 26-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.4   | 1.0   | %     | E601.SG-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2074018 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 96.8   | 1.0   | %     | E581.F1/WT   | 25-Jun-2025 | 25-Jun-2025   | 2075212 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 90.0   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 94.7   | 0.10  | %     | E611D/WT     | 25-Jun-2025 | 25-Jun-2025   | 2075211 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.



## QUALITY CONTROL INTERPRETIVE REPORT

|                         |                                                    |                       |                                                                 |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------------|
| Work Order              | : WT2516558                                        | Page                  | : 1 of 41                                                       |
| Amendment               | : 3                                                |                       |                                                                 |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 23-Jun-2025 11:30                                             |
| PO                      | : 735-014194-1                                     | Issue Date            | : 10-Jul-2025 11:16                                             |
| C-O-C number            | : ----                                             |                       |                                                                 |
| Sampler                 | : CLIENT                                           |                       |                                                                 |
| Site                    | : ----                                             |                       |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                       |                                                                 |
| No. of samples received | : 22                                               |                       |                                                                 |
| No. of samples analysed | : 22                                               |                       |                                                                 |

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

### Key

**Anonymous:** Refers to samples which are not part of this work order, but which formed part of the QC process lot.

**CAS Number:** Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

**DQO:** Data Quality Objective.

**LOR:** Limit of Reporting (detection limit).

**RPD:** Relative Percent Difference.

### Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

### Summary of Outliers

#### Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Matrix Spike outliers occur.
- Laboratory Control Sample (LCS) outliers occur - please see following pages for full details.
- No Test sample Surrogate recovery outliers exist.

#### Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- No Analysis Holding Time Outliers exist.

### ***Outliers : Frequency of Quality Control Samples***

- No Quality Control Sample Frequency Outliers occur.

Page : 3 of 41  
Work Order : WT2516558 Amendment 3  
Client : GHD Limited  
Project : 12669624-120.120.10



### Outliers : Quality Control Samples

*Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes*

Matrix: **Soil/Solid**

| Analyte Group                                     | Laboratory sample ID | Client/Ref Sample ID | Analyte   | CAS Number | Method | Result                | Limits    | Comment                                |
|---------------------------------------------------|----------------------|----------------------|-----------|------------|--------|-----------------------|-----------|----------------------------------------|
| <b>Laboratory Control Sample (LCS) Recoveries</b> |                      |                      |           |            |        |                       |           |                                        |
| Volatile Organic Compounds                        | QC-2074367-002       | ----                 | Bromoform | 75-25-2    | E611D  | 69.2 % <sup>MES</sup> | 70.0-130% | Recovery less than lower control limit |

### Result Qualifiers

| Qualifier | Description |
|-----------|-------------|
|-----------|-------------|

|     |                                                                                                                                                                                     |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MES | Data Quality Objective was marginally exceeded (by < 10% absolute) for < 10% of analytes in a Multi-Element Scan / Multi-Parameter Scan (considered acceptable as per OMOE & CCME). |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|





## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                    | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E336A  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E336A  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E336A  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E336A  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E336A  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E336A  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E336A  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                    | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                      |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E336A   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E336A   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E336A   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E336A   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 26-Jun-2025   | 14 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'            | E581.F1 | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5'        | E581.F1 | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'            | E581.F1 | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'            | E581.F1 | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5'        | E581.F1 | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)          | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                               |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                               |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E581.F1 | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                              |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E581.F1 | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5'        | E581.F1   | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'            | E581.F1   | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1                   | E581.F1   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'            | E581.F1   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5'        | E581.F1   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'               | E581.F1   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                     |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                                     | E581.F1   | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E601.SG-L | 20-Jun-2025   | 26-Jun-2025              | 14 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E601.SG-L | 20-Jun-2025   | 26-Jun-2025              | 14 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E601.SG-L | 20-Jun-2025   | 26-Jun-2025              | 14 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E601.SG-L | 20-Jun-2025   | 26-Jun-2025              | 14 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E601.SG-L | 20-Jun-2025   | 26-Jun-2025              | 14 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E601.SG-L | 20-Jun-2025   | 26-Jun-2025              | 14 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 8 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 8 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 8 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E601.SG-L | 19-Jun-2025   | 26-Jun-2025              | 14 days       | 8 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E601.SG-L | 18-Jun-2025   | 26-Jun-2025              | 14 days       | 9 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E601.SG-L | 18-Jun-2025   | 26-Jun-2025              | 14 days       | 9 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E601.SG-L | 18-Jun-2025   | 26-Jun-2025              | 14 days       | 9 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                               |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E601.SG-L | 18-Jun-2025   | 26-Jun-2025              | 14 days       | 9 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                    | Method   | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|----------|---------------|--------------------------|---------------|---------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                      |          |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |          |               |                          | Rec           | Actual  |      |               | Rec           | Actual |      |
| Inorganics : Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)               |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E396-L   | 20-Jun-2025   | 04-Jul-2025              | 14 days       | 14 days | ✓    | 04-Jul-2025   | 7 days        | 0 days | ✓    |
| Inorganics : Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)               |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E396-L   | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days  | ✓    | 25-Jun-2025   | 7 days        | 0 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Chloride by IC                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E236.Cl  | 20-Jun-2025   | 30-Jun-2025              | 30 days       | 10 days | ✓    | 02-Jul-2025   | 28 days       | 2 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Chloride by IC                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E236.Cl  | 19-Jun-2025   | 27-Jun-2025              | 30 days       | 8 days  | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Sulfate by IC                       |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E236.SO4 | 20-Jun-2025   | 30-Jun-2025              | 30 days       | 10 days | ✓    | 02-Jul-2025   | 28 days       | 2 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Sulfate by IC                       |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E236.SO4 | 19-Jun-2025   | 27-Jun-2025              | 30 days       | 8 days  | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E487     | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days  | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E487     | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days  | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E487     | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days  | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E487   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E487   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E487   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E487   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E487   | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E487   | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E487   | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E487   | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E510C  | 20-Jun-2025   | 26-Jun-2025              | 28 days       | 6 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E510C  | 20-Jun-2025   | 26-Jun-2025              | 28 days       | 6 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E510C  | 20-Jun-2025   | 26-Jun-2025              | 28 days       | 6 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E510C  | 20-Jun-2025   | 26-Jun-2025              | 28 days       | 6 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E510C  | 20-Jun-2025   | 26-Jun-2025              | 28 days       | 6 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E510C  | 20-Jun-2025   | 26-Jun-2025              | 28 days       | 6 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 7 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 7 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 7 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 7 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 7 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 7 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 8 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 8 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 8 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E510C  | 19-Jun-2025   | 26-Jun-2025              | 28 days       | 8 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E510C  | 18-Jun-2025   | 26-Jun-2025              | 28 days       | 9 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E510C  | 18-Jun-2025   | 26-Jun-2025              | 28 days       | 9 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E510C  | 18-Jun-2025   | 26-Jun-2025              | 28 days       | 9 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E510C  | 18-Jun-2025   | 26-Jun-2025              | 28 days       | 9 days | ✓    | 27-Jun-2025   | 28 days       | 1 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E440C  | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E440C  | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E440C  | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E440C  | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E440C  | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E440C  | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 27-Jun-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 27-Jun-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 27-Jun-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E440C  | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 27-Jun-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E440C  | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 27-Jun-2025   | 180 days      | 9 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E440C  | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 27-Jun-2025   | 180 days      | 9 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E440C  | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 27-Jun-2025   | 180 days      | 9 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E440C  | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 27-Jun-2025   | 180 days      | 9 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E484   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E484   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E484   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E484   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E484   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E484   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E484   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E484    | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 8 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E484    | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E484    | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E484    | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                        |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E484    | 18-Jun-2025   | 26-Jun-2025              | 180 days      | 9 days | ✓    | 26-Jun-2025   | 180 days      | 0 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E660F-L | 20-Jun-2025   | 26-Jun-2025              | 60 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E660F-L | 20-Jun-2025   | 26-Jun-2025              | 60 days       | 6 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E660F-L | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E660F-L | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 7 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                    | Method  | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |         |      |
|--------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|---------|------|---------------|---------------|---------|------|
| Container / Client Sample ID(s)                                                      |         |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |         | Eval |
|                                                                                      |         |               |                          | Rec           | Actual  |      |               | Rec           | Actual  |      |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E660F-L | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 8 days  | ✓    | 30-Jun-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E660F-L | 18-Jun-2025   | 26-Jun-2025              | 60 days       | 9 days  | ✓    | 30-Jun-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                             |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E660F-L | 18-Jun-2025   | 26-Jun-2025              | 60 days       | 9 days  | ✓    | 30-Jun-2025   | 40 days       | 4 days  | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E100-L  | 20-Jun-2025   | 30-Jun-2025              | 30 days       | 10 days | ✓    | 30-Jun-2025   | 30 days       | 10 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E100-L  | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days  | ✓    | 27-Jun-2025   | 30 days       | 6 days  | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E100-L  | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days  | ✓    | 27-Jun-2025   | 30 days       | 6 days  | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E100-L  | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days  | ✓    | 27-Jun-2025   | 30 days       | 6 days  | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E100-L  | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days  | ✓    | 27-Jun-2025   | 30 days       | 6 days  | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E100-L  | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days  | ✓    | 27-Jun-2025   | 30 days       | 6 days  | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E100-L | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E100-L | 19-Jun-2025   | 26-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E100-L | 18-Jun-2025   | 26-Jun-2025              | 30 days       | 9 days | ✓    | 27-Jun-2025   | 30 days       | 9 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E100-L | 18-Jun-2025   | 26-Jun-2025              | 30 days       | 9 days | ✓    | 27-Jun-2025   | 30 days       | 9 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E100-L | 18-Jun-2025   | 26-Jun-2025              | 30 days       | 9 days | ✓    | 27-Jun-2025   | 30 days       | 9 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E100-L | 18-Jun-2025   | 26-Jun-2025              | 30 days       | 9 days | ✓    | 27-Jun-2025   | 30 days       | 9 days | ✓    |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E144   | 18-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E144   | 18-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E144   | 18-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E144   | 18-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E144   | 19-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E144   | 20-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                                     | E144   | 18-Jun-2025   | ----                     | ----          | ----   |      | 25-Jun-2025   | ----          | ----   |      |
| Physical Tests : ORP by Electrode                                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E125   | 20-Jun-2025   | 26-Jun-2025              | 180 days      | 6 days | ✓    | 27-Jun-2025   | 180 days      | 6 days | ✓    |
| Physical Tests : ORP by Electrode                                                    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E125   | 19-Jun-2025   | 26-Jun-2025              | 180 days      | 7 days | ✓    | 27-Jun-2025   | 180 days      | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E108A  | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 27-Jun-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E108A  | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 27-Jun-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E108A  | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 27-Jun-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E108A  | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 27-Jun-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E108A  | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 27-Jun-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E108A  | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 27-Jun-2025   | 30 days       | 5 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | E108A  | 20-Jun-2025   | 26-Jun-2025              | 30 days       | 6 days | ✓    | 27-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |



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 Work Order : WT2516558 Amendment 3  
 Client : GHD Limited  
 Project : 12669624-120.120.10



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E108A  | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 27-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E108A  | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E108A  | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E108A  | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received         |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E108A  | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 27-Jun-2025   | 30 days       | 8 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E641A  | 20-Jun-2025   | 26-Jun-2025              | 60 days       | 6 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E641A  | 20-Jun-2025   | 26-Jun-2025              | 60 days       | 6 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E641A  | 20-Jun-2025   | 26-Jun-2025              | 60 days       | 6 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E641A  | 20-Jun-2025   | 26-Jun-2025              | 60 days       | 6 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 7 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 7 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 7 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 7 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 8 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 8 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E641A  | 19-Jun-2025   | 26-Jun-2025              | 60 days       | 8 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E641A  | 18-Jun-2025   | 26-Jun-2025              | 60 days       | 9 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E641A  | 18-Jun-2025   | 26-Jun-2025              | 60 days       | 9 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS               |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E641A  | 18-Jun-2025   | 26-Jun-2025              | 60 days       | 9 days | ✓    | 27-Jun-2025   | 40 days       | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'     | E532   | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | E532   | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'     | E532   | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'     | E532   | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | E532   | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E532   | 20-Jun-2025   | 25-Jun-2025              | 30 days       | 5 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E532   | 19-Jun-2025   | 25-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                 | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                      |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                      |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E532   | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E532   | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E532   | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                 |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E532   | 18-Jun-2025   | 25-Jun-2025              | 30 days       | 8 days | ✓    | 30-Jun-2025   | 7 days        | 5 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS           |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-0-2'            | E611D  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS           |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-2.5-4.5'        | E611D  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS           |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-07-5-7'            | E611D  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS           |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-0-2'            | E611D  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS           |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-2.5-4.5'        | E611D  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)          | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                               |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                               |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-20/06/25-RB-MW25-11-5-7'     | E611D  | 20-Jun-2025   | 25-Jun-2025              | 14 days       | 5 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-0-2'     | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-03-5-7'     | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-0-2'     | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-BH25-05-5-7'     | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 6 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-DUP 2            | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-0-2'     | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                             | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                               |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                               |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-19/06/25-RB-MW25-08-5-7'     | E611D  | 19-Jun-2025   | 25-Jun-2025              | 14 days       | 7 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-DUP 1            | E611D  | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-0-2'     | E611D  | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | E611D  | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-18/06/25-RB-MW25-5-7'        | E611D  | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS    |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                              | E611D  | 18-Jun-2025   | 25-Jun-2025              | 14 days       | 8 days | ✓    | 25-Jun-2025   | 40 days       | 0 days | ✓    |

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).





## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: Soil/Solid

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                  | Method    | QC Lot # | Count |         | Frequency (%) |          |            |
|--------------------------------------------------------------|-----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                           |           |          | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Duplicates (DUP)                                  |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2074025  | 2     | 21      | 9.5           | 5.0      | ✓          |
| pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received  | E108A     | 2074023  | 2     | 40      | 5.0           | 5.0      | ✓          |
| ORP by Electrode                                             | E125      | 2077871  | 1     | 7       | 14.2          | 5.0      | ✓          |
| Moisture Content by Gravimetry                               | E144      | 2074033  | 3     | 57      | 5.2           | 5.0      | ✓          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2078166  | 2     | 15      | 13.3          | 5.0      | ✓          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2078167  | 2     | 14      | 14.2          | 5.0      | ✓          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2074016  | 1     | 20      | 5.0           | 5.0      | ✓          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2074712  | 2     | 16      | 12.5          | 4.7      | ✓          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2074028  | 1     | 20      | 5.0           | 5.0      | ✓          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2074024  | 1     | 20      | 5.0           | 5.0      | ✓          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2074026  | 1     | 20      | 5.0           | 5.0      | ✓          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2074027  | 1     | 20      | 5.0           | 5.0      | ✓          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2074022  | 1     | 20      | 5.0           | 5.0      | ✓          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2074368  | 2     | 33      | 6.0           | 5.0      | ✓          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2074018  | 1     | 20      | 5.0           | 5.0      | ✓          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2074367  | 2     | 33      | 6.0           | 5.0      | ✓          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2074017  | 1     | 14      | 7.1           | 5.0      | ✓          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2075316  | 1     | 8       | 12.5          | 5.0      | ✓          |
| Laboratory Control Samples (LCS)                             |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2074025  | 4     | 21      | 19.0          | 10.0     | ✓          |
| pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received  | E108A     | 2074023  | 2     | 40      | 5.0           | 5.0      | ✓          |
| ORP by Electrode                                             | E125      | 2077871  | 1     | 7       | 14.2          | 5.0      | ✓          |
| Moisture Content by Gravimetry                               | E144      | 2074033  | 3     | 57      | 5.2           | 5.0      | ✓          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2078166  | 4     | 15      | 26.6          | 10.0     | ✓          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2078167  | 4     | 14      | 28.5          | 10.0     | ✓          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2074016  | 1     | 20      | 5.0           | 5.0      | ✓          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2074712  | 2     | 16      | 12.5          | 4.7      | ✓          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2074028  | 2     | 20      | 10.0          | 10.0     | ✓          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2074024  | 2     | 20      | 10.0          | 10.0     | ✓          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2074026  | 2     | 20      | 10.0          | 10.0     | ✓          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2074027  | 2     | 20      | 10.0          | 10.0     | ✓          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2074022  | 2     | 20      | 10.0          | 10.0     | ✓          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2074368  | 2     | 33      | 6.0           | 5.0      | ✓          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2074018  | 1     | 20      | 5.0           | 5.0      | ✓          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2074367  | 2     | 33      | 6.0           | 5.0      | ✓          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2074017  | 1     | 14      | 7.1           | 5.0      | ✓          |



Matrix: Soil/Solid

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                  |           |          | Count |         | Frequency (%) |          |            |
|--------------------------------------------------------------|-----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                           | Method    | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Control Samples (LCS) - Continued                 |           |          |       |         |               |          |            |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2075316  | 1     | 8       | 12.5          | 5.0      | ✔          |
| Method Blanks (MB)                                           |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2074025  | 2     | 21      | 9.5           | 5.0      | ✔          |
| Moisture Content by Gravimetry                               | E144      | 2074033  | 3     | 57      | 5.2           | 5.0      | ✔          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2078166  | 2     | 15      | 13.3          | 5.0      | ✔          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2078167  | 2     | 14      | 14.2          | 5.0      | ✔          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2074016  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2074712  | 2     | 16      | 12.5          | 4.7      | ✔          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2074028  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2074024  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2074026  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2074027  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2074022  | 1     | 20      | 5.0           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2074368  | 2     | 33      | 6.0           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2074018  | 1     | 20      | 5.0           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2074367  | 2     | 33      | 6.0           | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2074017  | 1     | 14      | 7.1           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2075316  | 1     | 8       | 12.5          | 5.0      | ✔          |
| Matrix Spikes (MS)                                           |           |          |       |         |               |          |            |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2074016  | 1     | 20      | 5.0           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2074368  | 2     | 33      | 6.0           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2074018  | 1     | 20      | 5.0           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2074367  | 2     | 33      | 6.0           | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2074017  | 1     | 14      | 7.1           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2075316  | 1     | 8       | 12.5          | 5.0      | ✔          |



## Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                                                         | Method / Lab                                                | Matrix     | Method Reference                        | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------|-------------------------------------------------------------|------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductivity in Soil (1:2 Soil:Water Extraction)<br>(Low Level)            | E100-L<br><br>ALS Environmental -<br>Waterloo               | Soil/Solid | CSSS Ch. 15<br>(mod)/APHA 2510<br>(mod) | Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Conductance is measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                    |
| pH by Meter (1:2 Soil:0.01M CaCl <sub>2</sub> Extraction)<br>- As Received | E108A<br><br>ALS Environmental -<br>Waterloo                | Soil/Solid | MECP E3530                              | pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally 20 ± 5°C) and is carried out in accordance with procedures described in the Analytical Protocol (prescriptive method). A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling, or decanting and then analyzed using a pH meter and electrode.<br><br>This method is equivalent to ASTM D4972 and is acceptable for topsoil analysis. |
| ORP by Electrode                                                           | E125<br><br>ALS Environmental -<br>Waterloo                 | Soil/Solid | APHA 2580 (mod)                         | Oxidation Reduction Potential (ORP) is reported as the oxidation-reduction potential of the platinum metal-reference electrode employed in the analysis, measured in mV.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Moisture Content by Gravimetry                                             | E144<br><br>ALS Environmental -<br>Waterloo                 | Soil/Solid | CCME PHC in Soil - Tier<br>1            | Moisture is measured gravimetrically by drying the sample at 105°C. Moisture content is calculated as the weight loss (due to water) divided by the wet weight of the sample, expressed as a percentage.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Water Extractable Chloride by IC                                           | E236.Cl<br><br>ALS Environmental -<br>Waterloo              | Soil/Solid | EPA 300.1                               | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection using a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Anions are measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                                                                                        |
| Water Extractable Sulfate by IC                                            | E236.SO <sub>4</sub><br><br>ALS Environmental -<br>Waterloo | Soil/Solid | EPA 300.1                               | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection using a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Anions are measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                                                                                        |
| WAD Cyanide (0.01M NaOH Extraction)                                        | E336A<br><br>ALS Environmental -<br>Waterloo                | Soil/Solid | APHA 4500-CN I (mod)                    | Weak Acid Dissociable (WAD) cyanide is determined after extraction by Continuous Flow Analyzer (CFA) with in-line distillation followed by colourimetric analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Acid Volatile Sulfide in Soil by Colourimetry<br>(0.2 mg/kg)               | E396-L<br><br>ALS Environmental -<br>Waterloo               | Soil/Solid | APHA 4500S2J                            | This analysis is carried out in accordance with the method described in APHA 4500 S2-J. After extraction the Acid Volatile Sulphide is determined colourimetrically.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



| Analytical Methods                                      | Method / Lab                                | Matrix     | Method Reference                 | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------|---------------------------------------------|------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Metals in Soil/Solid by CRC ICPMS (<355 µm)             | E440C<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 6020B (mod)                  | <p>This method is intended to liberate metals that may be environmentally available. Samples are dried, then sieved through a 355 µm sieve, and digested with HNO<sub>3</sub> and HCl.</p> <p>Dependent on sample matrix, some metals may be only partially recovered, including Al, Ba, Be, Cr, Sr, Ti, Tl, V, W, and Zr. Silicate minerals are not solubilized. Volatile forms of sulfur (including sulfide) may not be captured, as they may be lost during sampling, storage, or digestion. This method does not adequately recover elemental sulfur, and is unsuitable for assessment of elemental sulfur standards or guidelines.</p> <p>Analysis is by Collision/Reaction Cell ICPMS.</p> |
| Sodium Adsorption Ratio (SAR) - 1:2<br>Soil:Water (Dry) | E484<br><br>ALS Environmental - Waterloo    | Soil/Solid | SW846 6010C                      | A dried, disaggregated solid sample is extracted with deionized water, the aqueous extract is separated from the solid, acidified and then analyzed using a ICP/OES. The concentrations of Na, Ca and Mg are reported as per CALA requirements for calculated parameters. These individual parameters are not for comparison to any guideline.                                                                                                                                                                                                                                                                                                                                                   |
| Boron-Hot Water Extractable by ICPOES                   | E487<br><br>ALS Environmental - Waterloo    | Soil/Solid | HW EXTR, EPA 6010B               | <p>A dried solid sample is extracted with calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES.</p> <p>Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).</p>                                                                                                                                                                                                                                                                                                                                  |
| Mercury in Soil/Solid by CVAAS (<355 µm)                | E510C<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 200.2/1631<br>Appendix (mod) | Samples are sieved through a 355 µm sieve, and digested with HNO <sub>3</sub> and HCl, followed by CVAAS analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hexavalent Chromium (Cr VI) by IC                       | E532<br><br>ALS Environmental - Waterloo    | Soil/Solid | APHA 3500-CR C                   | Instrumental analysis is performed by ion chromatography with UV detection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CCME PHC - F1 by Headspace GC-FID                       | E581.F1<br><br>ALS Environmental - Waterloo | Soil/Solid | CCME PHC in Soil - Tier 1        | <p>CCME Fraction 1 (F1) is analyzed by static headspace GC-FID. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.</p> <p>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.</p>                                                 |



| Analytical Methods                            | Method / Lab                                  | Matrix     | Method Reference                        | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------|------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CCME PHCs - F2-F4 by GC-FID (Low Level)       | E601.SG-L<br><br>ALS Environmental - Waterloo | Soil/Solid | CCME PHC in Soil - Tier 1               | <p>Sample extracts are subjected to in-situ silica gel treatment prior to analysis by GC-FID for CCME hydrocarbon fractions (F2-F4).</p> <p>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.</p> |
| VOCs (Eastern Canada List) by Headspace GC-MS | E611D<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8260D (mod)                         | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                             |
| PAHs in Soil/solid by Hex:Ace GC-MS           | E641A<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8270E (mod)                         | Polycyclic Aromatic Hydrocarbons (PAHs) are extracted with hexane/acetone and analyzed by GC-MS. If reported, IACR (index of additive cancer risk, unitless) and B(a)P toxic potency equivalent (in soil concentration units) are calculated as per CCME PAH Soil Quality Guidelines fact sheet (2010) or ABT1.                                                                                                                                                                                               |
| OCPs by GC-MS-MS (Low Level)                  | E660F-L<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 8270E (mod)                         | OCPs are analyzed by GC-MS-MS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Resistivity Calculation for Soil Using E100-L | EC100R<br><br>ALS Environmental - Waterloo    | Soil/Solid | APHA 2510 B                             | Soil Resistivity (calculated) is determined as the inverse of the conductivity of a 2:1 water:soil leachate (dry weight). This method is intended as a rapid approximation for Soil Resistivity. Where high accuracy results are required, direct measurement of Soil Resistivity by the Wenner Four-Electrode Method (ASTM G57) is recommended.                                                                                                                                                              |
| F1-BTEX                                       | EC580<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1               | F1-BTEX is calculated as follows: F1-BTEX = F1 (C6-C10) minus benzene, toluene, ethylbenzene and xylenes (BTEX).                                                                                                                                                                                                                                                                                                                                                                                              |
| Sum F1 to F4 (C6-C50)                         | EC581<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1               | Hydrocarbons, total (C6-C50) is the sum of CCME Fractions F1(C6-C10), F2(C10-C16), F3(C16-C34), and F4(C34-C50). F4G-sg is not used within this calculation due to overlap with other fractions.                                                                                                                                                                                                                                                                                                              |
| F2 to F3 minus PAH                            | EC600<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1               | <p>F2-Naphthalene = CCME Fraction 2 (C10-C16) minus Naphthalene</p> <p>F3-PAH = CCME Fraction 3 (C16-C34) minus sPhenanthrene, Fluoranthene, Pyrene, Benz(a)anthracene, benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-c,d)pyrene, and Dibenz(a,h)anthracene.</p>                                                                                                                                                                                                                 |
| Preparation Methods                           | Method / Lab                                  | Matrix     | Method Reference                        | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Leach 1:2 Soil:Water for pH/EC                | EP108<br><br>ALS Environmental - Waterloo     | Soil/Solid | BC WLAP METHOD: PH, ELECTROMETRIC, SOIL | The procedure involves mixing the dried (at <60°C) and sieved (No. 10 / 2mm) sample with deionized/distilled water at a 1:2 ratio of sediment to water.                                                                                                                                                                                                                                                                                                                                                       |



| Preparation Methods                                         | Method / Lab                            | Matrix     | Method Reference                | Method Descriptions                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------|-----------------------------------------|------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leach 1:2 Soil : 0.01CaCl <sub>2</sub> - As Received for pH | EP108A<br>ALS Environmental - Waterloo  | Soil/Solid | MOEE E3137A                     | A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling or decanting and then analyzed using a pH meter and electrode.                                                                        |
| Preparation of ORP by Electrode                             | EP125<br>ALS Environmental - Waterloo   | Soil/Solid | APHA 2580 (mod)                 | Field-moist sample is extracted in a 1:2 ratio with DI water and then analyzed by ORP meter.                                                                                                                                                                                                                                                                 |
| Anions Leach 1:10 Soil:Water (Dry)                          | EP236<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 300.1                       | 5 grams of dried soil is mixed with 50 grams of distilled water for a minimum of 30 minutes. The extract is filtered and analyzed by ion chromatography.                                                                                                                                                                                                     |
| Cyanide Extraction for CFA (0.01M NaOH)                     | EP333A<br>ALS Environmental - Waterloo  | Soil/Solid | ON MECP E3015 (mod)             | Extraction for various cyanide analysis is by rotary extraction of the soil with 0.01M Sodium Hydroxide.                                                                                                                                                                                                                                                     |
| Distillation for Acid Volatile Sulfide in Soil              | EP396-L<br>ALS Environmental - Waterloo | Soil/Solid | APHA 4500S2J                    | Acid Volatile Sulfide is determined by colourimetric measurement on a sediment sample that has been treated with hydrochloric acid within a purge and trap system, where the evolved hydrogen sulfide gas is carried into a basic solution by argon gas for analysis.                                                                                        |
| Digestion for Metals and Mercury (355 µm Sieve)             | EP440C<br>ALS Environmental - Waterloo  | Soil/Solid | EPA 200.2 (mod)                 | Samples are sieved through a 355 µm sieve, and digested with HNO <sub>3</sub> and HCl. This method is intended to liberate metals that may be environmentally available.                                                                                                                                                                                     |
| Boron-Hot Water Extractable                                 | EP487<br>ALS Environmental - Waterloo   | Soil/Solid | HW EXTR, EPA 6010B              | A dried solid sample is extracted with weak calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES.<br><br>Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011) |
| Preparation of Hexavalent Chromium (Cr VI) for IC           | EP532<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 3060A                       | Field moist samples are digested with a sodium hydroxide/sodium carbonate solution as described in EPA 3060A.                                                                                                                                                                                                                                                |
| VOCs Methanol Extraction for Headspace Analysis             | EP581<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 5035A (mod)                 | VOCs in samples are extracted with methanol. Extracts are then prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                   |
| PHCs and PAHs Hexane-Acetone Tumbler Extraction             | EP601<br>ALS Environmental - Waterloo   | Soil/Solid | CCME PHC in Soil - Tier 1 (mod) | Samples are subsampled and Petroleum Hydrocarbons (PHC) and PAHs are extracted with 1:1 hexane:acetone using a rotary extractor.                                                                                                                                                                                                                             |



| Preparation Methods                                                               | Method / Lab                              | Matrix     | Method Reference | Method Descriptions                                                                   |
|-----------------------------------------------------------------------------------|-------------------------------------------|------------|------------------|---------------------------------------------------------------------------------------|
| Pesticides, PCB, PAH, and Neutral Extractable Chlorinated Hydrocarbons Extraction | EP660<br><br>ALS Environmental - Waterloo | Soil/Solid | EPA 3570 (mod)   | A homogenized subsample is extracted with organic solvents using a mechanical shaker. |



## QUALITY CONTROL REPORT

|                                |                                                    |                                |                                                                 |
|--------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| <b>Work Order</b>              | <b>: WT2516558</b>                                 | <b>Page</b>                    | <b>: 1 of 26</b>                                                |
| <b>Amendment</b>               | <b>: 3</b>                                         |                                |                                                                 |
| <b>Client</b>                  | : GHD Limited                                      | <b>Laboratory</b>              | : ALS Environmental - Waterloo                                  |
| <b>Contact</b>                 | : Joeline Chan                                     | <b>Account Manager</b>         | : Rick Hawthorne                                                |
| <b>Address</b>                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | <b>Address</b>                 | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| <b>Telephone</b>               | : ----                                             | <b>Telephone</b>               | : +1 519 886 6910                                               |
| <b>Project</b>                 | : 12669624-120.120.10                              | <b>Date Samples Received</b>   | : 23-Jun-2025 11:30                                             |
| <b>PO</b>                      | : 735-014194-1                                     | <b>Date Analysis Commenced</b> | : 25-Jun-2025                                                   |
| <b>C-O-C number</b>            | : ----                                             | <b>Issue Date</b>              | : 10-Jul-2025 11:15                                             |
| <b>Sampler</b>                 | : CLIENT                                           |                                |                                                                 |
| <b>Site</b>                    | : ----                                             |                                |                                                                 |
| <b>Quote number</b>            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                                |                                                                 |
| <b>No. of samples received</b> | : 22                                               |                                |                                                                 |
| <b>No. of samples analysed</b> | : 22                                               |                                |                                                                 |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i>                             | <i>Laboratory Department</i>                 |
|--------------------|---------------------------------------------|----------------------------------------------|
| Amaninder Dhillon  | Team Lead - Semi-Volatile Instrumentation   | Waterloo Organics, Waterloo, Ontario         |
| David Tremblett    | VOC Section Supervisor                      | Waterloo VOC, Waterloo, Ontario              |
| Jocelyn Kennedy    | Department Manager - Semi-Volatile Organics | Waterloo Organics, Waterloo, Ontario         |
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| Walt Kippenhuck    | Supervisor - Inorganic                      | Waterloo Inorganics, Waterloo, Ontario       |
| Walt Kippenhuck    | Supervisor - Inorganic                      | Waterloo Metals, Waterloo, Ontario           |



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## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

### Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

# = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

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Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

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Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

| Sub-Matrix: Soil/Solid           |                                         |                                     |            |        | Laboratory Duplicate (DUP) Report |          |                 |                  |                      |                  |           |
|----------------------------------|-----------------------------------------|-------------------------------------|------------|--------|-----------------------------------|----------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID             | Client sample ID                        | Analyte                             | CAS Number | Method | LOR                               | Unit     | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Physical Tests (QC Lot: 2074023) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-003                    | S-12669624-18/06/25-RB-MW25-5-7'        | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 7.87            | 7.85             | 0.254%               | 5%               | ----      |
| Physical Tests (QC Lot: 2074025) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-003                    | S-12669624-18/06/25-RB-MW25-5-7'        | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 0.157 mS/cm     | 157              | 0.255%               | 20%              | ----      |
| Physical Tests (QC Lot: 2074033) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-002                    | S-12669624-18/06/25-RB-MW25-14-0-2'     | Moisture                            | ----       | E144   | 0.25                              | %        | 19.9            | 20.1             | 1.26%                | 20%              | ----      |
| Physical Tests (QC Lot: 2075371) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2515617-002                    | Anonymous                               | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 7.80            | 7.82             | 0.256%               | 5%               | ----      |
| Physical Tests (QC Lot: 2075388) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| HA2501985-001                    | Anonymous                               | Moisture                            | ----       | E144   | 0.25                              | %        | 20.7            | 20.4             | 1.21%                | 20%              | ----      |
| Physical Tests (QC Lot: 2076316) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| CG2508246-001                    | Anonymous                               | Moisture                            | ----       | E144   | 0.25                              | %        | 4.79            | 4.78             | 0.168%               | 20%              | ----      |
| Physical Tests (QC Lot: 2077871) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-012                    | S-12669624-19/06/25-RB-BH25-03-5-7'     | Oxidation-reduction potential [ORP] | ----       | E125   | 0.10                              | mV       | 253             | 279              | 9.77%                | 25%              | ----      |
| Physical Tests (QC Lot: 2077872) |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-019                    | S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 177             | 177              | 0.170%               | 20%              | ----      |
| Cyanides (QC Lot: 2074016)       |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-003                    | S-12669624-18/06/25-RB-MW25-5-7'        | Cyanide, weak acid dissociable      | ----       | E336A  | 0.050                             | mg/kg    | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Inorganics (QC Lot: 2074712)     |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516392-001                    | Anonymous                               | Sulfides, acid volatile             | ----       | E396-L | 0.52                              | mg/kg    | <0.51           | <0.52            | 0.01                 | Diff <2x LOR     | ----      |
| Inorganics (QC Lot: 2089556)     |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-019                    | S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | Sulfides, acid volatile             | ----       | E396-L | 0.21                              | mg/kg    | 0.93            | 0.77             | 0.16                 | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2074024)         |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-003                    | S-12669624-18/06/25-RB-MW25-5-7'        | Calcium, soluble ion content        | 7440-70-2  | E484   | 0.50                              | mg/L     | 2.26            | 2.27             | 0.01                 | Diff <2x LOR     | ----      |
|                                  |                                         | Magnesium, soluble ion content      | 7439-95-4  | E484   | 0.50                              | mg/L     | 3.17            | 3.17             | 0                    | Diff <2x LOR     | ----      |
|                                  |                                         | Sodium, soluble ion content         | 17341-25-2 | E484   | 0.50                              | mg/L     | 2.10            | 2.12             | 0.02                 | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2074026)         |                                         |                                     |            |        |                                   |          |                 |                  |                      |                  |           |

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 Work Order : WT2516558 Amendment 3  
 Client : GHD Limited  
 Project : 12669624-120.120.10



| Sub-Matrix: Soil/Solid                         |                                     |                               |            |          | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|------------------------------------------------|-------------------------------------|-------------------------------|------------|----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                           | Client sample ID                    | Analyte                       | CAS Number | Method   | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Metals (QC Lot: 2074026) - continued           |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516558-002                                  | S-12669624-18/06/25-RB-MW25-14-0-2' | Boron, hot water soluble      | 7440-42-8  | E487     | 0.10                              | mg/kg | 0.23            | 0.24             | 0.01                 | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2074027)                       |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516558-002                                  | S-12669624-18/06/25-RB-MW25-14-0-2' | Mercury                       | 7439-97-6  | E510C    | 0.0050                            | mg/kg | 0.0387          | 0.0343           | 12.1%                | 40%              | ----      |
| Metals (QC Lot: 2074028)                       |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516558-002                                  | S-12669624-18/06/25-RB-MW25-14-0-2' | Antimony                      | 7440-36-0  | E440C    | 0.10                              | mg/kg | 0.20            | 0.18             | 0.02                 | Diff <2x LOR     | ----      |
|                                                |                                     | Arsenic                       | 7440-38-2  | E440C    | 0.10                              | mg/kg | 4.84            | 4.73             | 2.36%                | 30%              | ----      |
|                                                |                                     | Barium                        | 7440-39-3  | E440C    | 0.50                              | mg/kg | 119             | 115              | 4.06%                | 40%              | ----      |
|                                                |                                     | Beryllium                     | 7440-41-7  | E440C    | 0.10                              | mg/kg | 0.86            | 0.83             | 2.83%                | 30%              | ----      |
|                                                |                                     | Boron                         | 7440-42-8  | E440C    | 5.0                               | mg/kg | 8.1             | 7.0              | 1.0                  | Diff <2x LOR     | ----      |
|                                                |                                     | Cadmium                       | 7440-43-9  | E440C    | 0.020                             | mg/kg | 0.262           | 0.255            | 2.66%                | 30%              | ----      |
|                                                |                                     | Chromium                      | 7440-47-3  | E440C    | 0.50                              | mg/kg | 28.0            | 27.4             | 2.03%                | 30%              | ----      |
|                                                |                                     | Cobalt                        | 7440-48-4  | E440C    | 0.10                              | mg/kg | 11.2            | 11.1             | 1.25%                | 30%              | ----      |
|                                                |                                     | Copper                        | 7440-50-8  | E440C    | 0.50                              | mg/kg | 24.8            | 23.7             | 4.54%                | 30%              | ----      |
|                                                |                                     | Lead                          | 7439-92-1  | E440C    | 0.50                              | mg/kg | 15.8            | 15.4             | 2.33%                | 40%              | ----      |
|                                                |                                     | Molybdenum                    | 7439-98-7  | E440C    | 0.10                              | mg/kg | 0.82            | 0.77             | 5.95%                | 40%              | ----      |
|                                                |                                     | Nickel                        | 7440-02-0  | E440C    | 0.50                              | mg/kg | 22.8            | 22.5             | 1.65%                | 30%              | ----      |
|                                                |                                     | Selenium                      | 7782-49-2  | E440C    | 0.20                              | mg/kg | 0.29            | 0.30             | 0.005                | Diff <2x LOR     | ----      |
|                                                |                                     | Silver                        | 7440-22-4  | E440C    | 0.10                              | mg/kg | 0.12            | 0.12             | 0.002                | Diff <2x LOR     | ----      |
|                                                |                                     | Thallium                      | 7440-28-0  | E440C    | 0.050                             | mg/kg | 0.156           | 0.155            | 0.001                | Diff <2x LOR     | ----      |
|                                                |                                     | Uranium                       | 7440-61-1  | E440C    | 0.050                             | mg/kg | 0.609           | 0.613            | 0.644%               | 30%              | ----      |
|                                                |                                     | Vanadium                      | 7440-62-2  | E440C    | 0.20                              | mg/kg | 39.9            | 38.8             | 2.84%                | 30%              | ----      |
|                                                |                                     | Zinc                          | 7440-66-6  | E440C    | 2.0                               | mg/kg | 74.7            | 73.0             | 2.27%                | 30%              | ----      |
| Speciated Metals (QC Lot: 2074022)             |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516558-003                                  | S-12669624-18/06/25-RB-MW25-5-7'    | Chromium, hexavalent [Cr VI]  | 18540-29-9 | E532     | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2078166) |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516558-012                                  | S-12669624-19/06/25-RB-BH25-03-5-7' | Chloride, soluble ion content | 16887-00-6 | E236.Cl  | 5.0                               | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2078167) |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516558-012                                  | S-12669624-19/06/25-RB-BH25-03-5-7' | Sulfate, soluble ion content  | 14808-79-8 | E236.SO4 | 20                                | mg/kg | 22              | 24               | 2                    | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2083191) |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516796-013                                  | Anonymous                           | Chloride, soluble ion content | 16887-00-6 | E236.Cl  | 5.0                               | mg/kg | 6.9             | 6.4              | 0.4                  | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2083192) |                                     |                               |            |          |                                   |       |                 |                  |                      |                  |           |



| Sub-Matrix: Soil/Solid                                     |                  |                                |            |          | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|------------------------------------------------------------|------------------|--------------------------------|------------|----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                       | Client sample ID | Analyte                        | CAS Number | Method   | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Leachable Anions & Nutrients (QC Lot: 2083192) - continued |                  |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516796-013                                              | Anonymous        | Sulfate, soluble ion content   | 14808-79-8 | E236.S04 | 20                                | mg/kg | 160             | 156              | 2.35%                | 30%              | ----      |
| Volatile Organic Compounds (QC Lot: 2074367)               |                  |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516551-020                                              | Anonymous        | Acetone                        | 67-64-1    | E611D    | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Benzene                        | 71-43-2    | E611D    | 0.0050                            | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Bromodichloromethane           | 75-27-4    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Bromoform                      | 75-25-2    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Bromomethane                   | 74-83-9    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Carbon tetrachloride           | 56-23-5    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Chlorobenzene                  | 108-90-7   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Chloroform                     | 67-66-3    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dibromochloromethane           | 124-48-1   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dibromoethane, 1,2-            | 106-93-4   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichlorobenzene, 1,2-          | 95-50-1    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichlorobenzene, 1,3-          | 541-73-1   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichlorobenzene, 1,4-          | 106-46-7   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichlorodifluoromethane        | 75-71-8    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloroethane, 1,1-           | 75-34-3    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloroethane, 1,2-           | 107-06-2   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloroethylene, 1,1-         | 75-35-4    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloroethylene, cis-1,2-     | 156-59-2   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloroethylene, trans-1,2-   | 156-60-5   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloromethane                | 75-09-2    | E611D    | 0.045                             | mg/kg | <0.045          | <0.045           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloropropane, 1,2-          | 78-87-5    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloropropylene, cis-1,3-    | 10061-01-5 | E611D    | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Dichloropropylene, trans-1,3-  | 10061-02-6 | E611D    | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Ethylbenzene                   | 100-41-4   | E611D    | 0.015                             | mg/kg | <0.015          | <0.015           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Hexane, n-                     | 110-54-3   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Methyl ethyl ketone [MEK]      | 78-93-3    | E611D    | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Methyl isobutyl ketone [MIBK]  | 108-10-1   | E611D    | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Methyl-tert-butyl ether [MTBE] | 1634-04-4  | E611D    | 0.040                             | mg/kg | <0.040          | <0.040           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Styrene                        | 100-42-5   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Tetrachloroethane, 1,1,1,2-    | 630-20-6   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Tetrachloroethane, 1,1,2,2-    | 79-34-5    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                            |                  | Tetrachloroethylene            | 127-18-4   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

Laboratory Duplicate (DUP) Report

| Laboratory sample ID                                            | Client sample ID                    | Analyte                       | CAS Number  | Method | LOR    | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
|-----------------------------------------------------------------|-------------------------------------|-------------------------------|-------------|--------|--------|-------|-----------------|------------------|----------------------|------------------|-----------|
| <b>Volatile Organic Compounds (QC Lot: 2074367) - continued</b> |                                     |                               |             |        |        |       |                 |                  |                      |                  |           |
| WT2516551-020                                                   | Anonymous                           | Toluene                       | 108-88-3    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Trichloroethane, 1,1,1-       | 71-55-6     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Trichloroethane, 1,1,2-       | 79-00-5     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Trichloroethylene             | 79-01-6     | E611D  | 0.010  | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Trichlorofluoromethane        | 75-69-4     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Vinyl chloride                | 75-01-4     | E611D  | 0.020  | mg/kg | <0.020          | <0.020           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Xylene, m+p-                  | 179601-23-1 | E611D  | 0.030  | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Xylene, o-                    | 95-47-6     | E611D  | 0.030  | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
| <b>Volatile Organic Compounds (QC Lot: 2075211)</b>             |                                     |                               |             |        |        |       |                 |                  |                      |                  |           |
| WT2516558-020                                                   | S-12669624-20/06/25-RB-MW25-11-0-2' | Acetone                       | 67-64-1     | E611D  | 0.50   | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Benzene                       | 71-43-2     | E611D  | 0.0050 | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Bromodichloromethane          | 75-27-4     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Bromoform                     | 75-25-2     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Bromomethane                  | 74-83-9     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Carbon tetrachloride          | 56-23-5     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Chlorobenzene                 | 108-90-7    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Chloroform                    | 67-66-3     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dibromochloromethane          | 124-48-1    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dibromoethane, 1,2-           | 106-93-4    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichlorobenzene, 1,2-         | 95-50-1     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichlorobenzene, 1,3-         | 541-73-1    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichlorobenzene, 1,4-         | 106-46-7    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichlorodifluoromethane       | 75-71-8     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloroethane, 1,1-          | 75-34-3     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloroethane, 1,2-          | 107-06-2    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloroethylene, 1,1-        | 75-35-4     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloroethylene, cis-1,2-    | 156-59-2    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloroethylene, trans-1,2-  | 156-60-5    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloromethane               | 75-09-2     | E611D  | 0.045  | mg/kg | <0.045          | <0.045           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloropropane, 1,2-         | 78-87-5     | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloropropylene, cis-1,3-   | 10061-01-5  | E611D  | 0.030  | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Dichloropropylene, trans-1,3- | 10061-02-6  | E611D  | 0.030  | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Ethylbenzene                  | 100-41-4    | E611D  | 0.015  | mg/kg | <0.015          | <0.015           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                                     | Hexane, n-                    | 110-54-3    | E611D  | 0.050  | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

Laboratory Duplicate (DUP) Report

| Laboratory sample ID                                     | Client sample ID                    | Analyte                        | CAS Number  | Method    | LOR   | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
|----------------------------------------------------------|-------------------------------------|--------------------------------|-------------|-----------|-------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Volatile Organic Compounds (QC Lot: 2075211) - continued |                                     |                                |             |           |       |       |                 |                  |                      |                  |           |
| WT2516558-020                                            | S-12669624-20/06/25-RB-MW25-11-0-2' | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D     | 0.50  | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D     | 0.50  | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D     | 0.040 | mg/kg | <0.040          | <0.040           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Styrene                        | 100-42-5    | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Tetrachloroethylene            | 127-18-4    | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Toluene                        | 108-88-3    | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Trichloroethane, 1,1,1-        | 71-55-6     | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Trichloroethane, 1,1,2-        | 79-00-5     | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Trichloroethylene              | 79-01-6     | E611D     | 0.010 | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Trichlorofluoromethane         | 75-69-4     | E611D     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Vinyl chloride                 | 75-01-4     | E611D     | 0.020 | mg/kg | <0.020          | <0.020           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Xylene, m+p-                   | 179601-23-1 | E611D     | 0.030 | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Xylene, o-                     | 95-47-6     | E611D     | 0.030 | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2074018)                           |                                     |                                |             |           |       |       |                 |                  |                      |                  |           |
| WT2516558-002                                            | S-12669624-18/06/25-RB-MW25-14-0-2' | F2 (C10-C16)                   | ----        | E601.SG-L | 10    | mg/kg | <10             | <10              | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | F3 (C16-C34)                   | ----        | E601.SG-L | 50    | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | F4 (C34-C50)                   | ----        | E601.SG-L | 50    | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2074368)                           |                                     |                                |             |           |       |       |                 |                  |                      |                  |           |
| WT2516551-020                                            | Anonymous                           | F1 (C6-C10)                    | ----        | E581.F1   | 5.0   | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2075212)                           |                                     |                                |             |           |       |       |                 |                  |                      |                  |           |
| WT2516558-020                                            | S-12669624-20/06/25-RB-MW25-11-0-2' | F1 (C6-C10)                    | ----        | E581.F1   | 5.0   | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Polycyclic Aromatic Hydrocarbons (QC Lot: 2074017)       |                                     |                                |             |           |       |       |                 |                  |                      |                  |           |
| WT2516558-002                                            | S-12669624-18/06/25-RB-MW25-14-0-2' | Acenaphthene                   | 83-32-9     | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Acenaphthylene                 | 208-96-8    | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Anthracene                     | 120-12-7    | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Benz(a)anthracene              | 56-55-3     | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Benzo(a)pyrene                 | 50-32-8     | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Benzo(b+j)fluoranthene         | n/a         | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Benzo(g,h,i)perylene           | 191-24-2    | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                     | Benzo(k)fluoranthene           | 207-08-9    | E641A     | 0.050 | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |





Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                                         |                                     |                               |            |         | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------------------|-------------------------------------|-------------------------------|------------|---------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                           | Client sample ID                    | Analyte                       | CAS Number | Method  | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Polycyclic Aromatic Hydrocarbons (QC Lot: 2074017) - continued |                                     |                               |            |         |                                   |       |                 |                  |                      |                  |           |
| WT2516558-002                                                  | S-12669624-18/06/25-RB-MW25-14-0-2' | Chrysene                      | 218-01-9   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Dibenz(a,h)anthracene         | 53-70-3    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Fluoranthene                  | 206-44-0   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Fluorene                      | 86-73-7    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Indeno(1,2,3-c,d)pyrene       | 193-39-5   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Methylnaphthalene, 1-         | 90-12-0    | E641A   | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Methylnaphthalene, 2-         | 91-57-6    | E641A   | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Naphthalene                   | 91-20-3    | E641A   | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Phenanthrene                  | 85-01-8    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                                     | Pyrene                        | 129-00-0   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Organochlorine Pesticides (QC Lot: 2075316)                    |                                     |                               |            |         |                                   |       |                 |                  |                      |                  |           |
| WT2516381-002                                                  | Anonymous                           | Aldrin                        | 309-00-2   | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Chlordane, cis- (alpha)       | 5103-71-9  | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Chlordane, trans- (gamma)     | 5103-74-2  | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | DDD, 2,4'-                    | 53-19-0    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | DDD, 4,4'-                    | 72-54-8    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | DDE, 2,4'-                    | 3424-82-6  | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | DDE, 4,4'-                    | 72-55-9    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | DDT, 2,4'-                    | 789-02-6   | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | DDT, 4,4'-                    | 50-29-3    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Dieldrin                      | 60-57-1    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Endosulfan, alpha-            | 959-98-8   | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Endosulfan, beta-             | 33213-65-9 | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Endrin                        | 72-20-8    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Heptachlor                    | 76-44-8    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Heptachlor epoxide            | 1024-57-3  | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Hexachlorobenzene             | 118-74-1   | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Hexachlorobutadiene           | 87-68-3    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Hexachlorocyclohexane, gamma- | 58-89-9    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Hexachloroethane              | 67-72-1    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |
|                                                                |                                     | Methoxychlor                  | 72-43-5    | E660F-L | 0.00207                           | mg/kg | <0.00207        | <0.00207         | 0.000002             | Diff <2x LOR     | ----      |



Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Soil/Solid

| Analyte                         | CAS Number | Method | LOR   | Unit  | Result  | Qualifier |
|---------------------------------|------------|--------|-------|-------|---------|-----------|
| Physical Tests (QCLot: 2074025) |            |        |       |       |         |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5     | µS/cm | <5.00   | ----      |
| Physical Tests (QCLot: 2074033) |            |        |       |       |         |           |
| Moisture                        | ----       | E144   | 0.25  | %     | <0.25   | ----      |
| Physical Tests (QCLot: 2075388) |            |        |       |       |         |           |
| Moisture                        | ----       | E144   | 0.25  | %     | <0.25   | ----      |
| Physical Tests (QCLot: 2076316) |            |        |       |       |         |           |
| Moisture                        | ----       | E144   | 0.25  | %     | <0.25   | ----      |
| Physical Tests (QCLot: 2077872) |            |        |       |       |         |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5     | µS/cm | <5.00   | ----      |
| Cyanides (QCLot: 2074016)       |            |        |       |       |         |           |
| Cyanide, weak acid dissociable  | ----       | E336A  | 0.05  | mg/kg | <0.050  | ----      |
| Inorganics (QCLot: 2074712)     |            |        |       |       |         |           |
| Sulfides, acid volatile         | ----       | E396-L | 0.2   | mg/kg | <0.20   | ----      |
| Inorganics (QCLot: 2089556)     |            |        |       |       |         |           |
| Sulfides, acid volatile         | ----       | E396-L | 0.2   | mg/kg | <0.20   | ----      |
| Metals (QCLot: 2074024)         |            |        |       |       |         |           |
| Calcium, soluble ion content    | 7440-70-2  | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Magnesium, soluble ion content  | 7439-95-4  | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Sodium, soluble ion content     | 17341-25-2 | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Metals (QCLot: 2074026)         |            |        |       |       |         |           |
| Boron, hot water soluble        | 7440-42-8  | E487   | 0.1   | mg/kg | <0.10   | ----      |
| Metals (QCLot: 2074027)         |            |        |       |       |         |           |
| Mercury                         | 7439-97-6  | E510C  | 0.005 | mg/kg | <0.0050 | ----      |
| Metals (QCLot: 2074028)         |            |        |       |       |         |           |
| Antimony                        | 7440-36-0  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Arsenic                         | 7440-38-2  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Barium                          | 7440-39-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Beryllium                       | 7440-41-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Boron                           | 7440-42-8  | E440C  | 5     | mg/kg | <5.0    | ----      |
| Cadmium                         | 7440-43-9  | E440C  | 0.02  | mg/kg | <0.020  | ----      |
| Chromium                        | 7440-47-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                  | CAS Number | Method   | LOR   | Unit  | Result  | Qualifier |
|----------------------------------------------------------|------------|----------|-------|-------|---------|-----------|
| <b>Metals (QCLot: 2074028) - continued</b>               |            |          |       |       |         |           |
| Cobalt                                                   | 7440-48-4  | E440C    | 0.1   | mg/kg | <0.10   | ----      |
| Copper                                                   | 7440-50-8  | E440C    | 0.5   | mg/kg | <0.50   | ----      |
| Lead                                                     | 7439-92-1  | E440C    | 0.5   | mg/kg | <0.50   | ----      |
| Molybdenum                                               | 7439-98-7  | E440C    | 0.1   | mg/kg | <0.10   | ----      |
| Nickel                                                   | 7440-02-0  | E440C    | 0.5   | mg/kg | <0.50   | ----      |
| Selenium                                                 | 7782-49-2  | E440C    | 0.2   | mg/kg | <0.20   | ----      |
| Silver                                                   | 7440-22-4  | E440C    | 0.1   | mg/kg | <0.10   | ----      |
| Thallium                                                 | 7440-28-0  | E440C    | 0.05  | mg/kg | <0.050  | ----      |
| Uranium                                                  | 7440-61-1  | E440C    | 0.05  | mg/kg | <0.050  | ----      |
| Vanadium                                                 | 7440-62-2  | E440C    | 0.2   | mg/kg | <0.20   | ----      |
| Zinc                                                     | 7440-66-6  | E440C    | 2     | mg/kg | <2.0    | ----      |
| <b>Speciated Metals (QCLot: 2074022)</b>                 |            |          |       |       |         |           |
| Chromium, hexavalent [Cr VI]                             | 18540-29-9 | E532     | 0.1   | mg/kg | <0.10   | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2078166)</b> |            |          |       |       |         |           |
| Chloride, soluble ion content                            | 16887-00-6 | E236.Cl  | 5     | mg/kg | <5.0    | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2078167)</b> |            |          |       |       |         |           |
| Sulfate, soluble ion content                             | 14808-79-8 | E236.SO4 | 20    | mg/kg | <20     | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2083191)</b> |            |          |       |       |         |           |
| Chloride, soluble ion content                            | 16887-00-6 | E236.Cl  | 5     | mg/kg | <5.0    | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2083192)</b> |            |          |       |       |         |           |
| Sulfate, soluble ion content                             | 14808-79-8 | E236.SO4 | 20    | mg/kg | <20     | ----      |
| <b>Volatile Organic Compounds (QCLot: 2074367)</b>       |            |          |       |       |         |           |
| Acetone                                                  | 67-64-1    | E611D    | 0.5   | mg/kg | <0.50   | ----      |
| Benzene                                                  | 71-43-2    | E611D    | 0.005 | mg/kg | <0.0050 | ----      |
| Bromodichloromethane                                     | 75-27-4    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Bromoform                                                | 75-25-2    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Bromomethane                                             | 74-83-9    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Carbon tetrachloride                                     | 56-23-5    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Chlorobenzene                                            | 108-90-7   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Chloroform                                               | 67-66-3    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dibromochloromethane                                     | 124-48-1   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dibromoethane, 1,2-                                      | 106-93-4   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,2-                                    | 95-50-1    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,3-                                    | 541-73-1   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,4-                                    | 106-46-7   | E611D    | 0.05  | mg/kg | <0.050  | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number  | Method | LOR   | Unit  | Result  | Qualifier |
|----------------------------------------------------------------|-------------|--------|-------|-------|---------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2074367) - continued</b> |             |        |       |       |         |           |
| Dichlorodifluoromethane                                        | 75-71-8     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,1-                                           | 75-34-3     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,2-                                           | 107-06-2    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, 1,1-                                         | 75-35-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, cis-1,2-                                     | 156-59-2    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, trans-1,2-                                   | 156-60-5    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloromethane                                                | 75-09-2     | E611D  | 0.045 | mg/kg | <0.045  | ----      |
| Dichloropropane, 1,2-                                          | 78-87-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloropropylene, cis-1,3-                                    | 10061-01-5  | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6  | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Ethylbenzene                                                   | 100-41-4    | E611D  | 0.015 | mg/kg | <0.015  | ----      |
| Hexane, n-                                                     | 110-54-3    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Methyl ethyl ketone [MEK]                                      | 78-93-3     | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Methyl isobutyl ketone [MIBK]                                  | 108-10-1    | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4   | E611D  | 0.04  | mg/kg | <0.040  | ----      |
| Styrene                                                        | 100-42-5    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Tetrachloroethylene                                            | 127-18-4    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Toluene                                                        | 108-88-3    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Trichloroethylene                                              | 79-01-6     | E611D  | 0.01  | mg/kg | <0.010  | ----      |
| Trichlorofluoromethane                                         | 75-69-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Vinyl chloride                                                 | 75-01-4     | E611D  | 0.02  | mg/kg | <0.020  | ----      |
| Xylene, m+p-                                                   | 179601-23-1 | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Xylene, o-                                                     | 95-47-6     | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| <b>Volatile Organic Compounds (QCLot: 2075211)</b>             |             |        |       |       |         |           |
| Acetone                                                        | 67-64-1     | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Benzene                                                        | 71-43-2     | E611D  | 0.005 | mg/kg | <0.0050 | ----      |
| Bromodichloromethane                                           | 75-27-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Bromoform                                                      | 75-25-2     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Bromomethane                                                   | 74-83-9     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Carbon tetrachloride                                           | 56-23-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Chlorobenzene                                                  | 108-90-7    | E611D  | 0.05  | mg/kg | <0.050  | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number  | Method    | LOR   | Unit  | Result | Qualifier |
|----------------------------------------------------------------|-------------|-----------|-------|-------|--------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2075211) - continued</b> |             |           |       |       |        |           |
| Chloroform                                                     | 67-66-3     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dibromochloromethane                                           | 124-48-1    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dibromoethane, 1,2-                                            | 106-93-4    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorobenzene, 1,2-                                          | 95-50-1     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorobenzene, 1,3-                                          | 541-73-1    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorobenzene, 1,4-                                          | 106-46-7    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorodifluoromethane                                        | 75-71-8     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethane, 1,1-                                           | 75-34-3     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethane, 1,2-                                           | 107-06-2    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethylene, 1,1-                                         | 75-35-4     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethylene, cis-1,2-                                     | 156-59-2    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethylene, trans-1,2-                                   | 156-60-5    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloromethane                                                | 75-09-2     | E611D     | 0.045 | mg/kg | <0.045 | ----      |
| Dichloropropane, 1,2-                                          | 78-87-5     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Dichloropropylene, cis-1,3-                                    | 10061-01-5  | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6  | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| Ethylbenzene                                                   | 100-41-4    | E611D     | 0.015 | mg/kg | <0.015 | ----      |
| Hexane, n-                                                     | 110-54-3    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Methyl ethyl ketone [MEK]                                      | 78-93-3     | E611D     | 0.5   | mg/kg | <0.50  | ----      |
| Methyl isobutyl ketone [MIBK]                                  | 108-10-1    | E611D     | 0.5   | mg/kg | <0.50  | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4   | E611D     | 0.04  | mg/kg | <0.040 | ----      |
| Styrene                                                        | 100-42-5    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethylene                                            | 127-18-4    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Toluene                                                        | 108-88-3    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethylene                                              | 79-01-6     | E611D     | 0.01  | mg/kg | <0.010 | ----      |
| Trichlorofluoromethane                                         | 75-69-4     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Vinyl chloride                                                 | 75-01-4     | E611D     | 0.02  | mg/kg | <0.020 | ----      |
| Xylene, m+p-                                                   | 179601-23-1 | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| Xylene, o-                                                     | 95-47-6     | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| <b>Hydrocarbons (QCLot: 2074018)</b>                           |             |           |       |       |        |           |
| F2 (C10-C16)                                                   | ----        | E601.SG-L | 10    | mg/kg | <10    | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                  | CAS Number | Method    | LOR    | Unit  | Result   | Qualifier |
|----------------------------------------------------------|------------|-----------|--------|-------|----------|-----------|
| <b>Hydrocarbons (QCLot: 2074018) - continued</b>         |            |           |        |       |          |           |
| F3 (C16-C34)                                             | ---        | E601.SG-L | 50     | mg/kg | <50      | ---       |
| F4 (C34-C50)                                             | ---        | E601.SG-L | 50     | mg/kg | <50      | ---       |
| <b>Hydrocarbons (QCLot: 2074368)</b>                     |            |           |        |       |          |           |
| F1 (C6-C10)                                              | ---        | E581.F1   | 5      | mg/kg | <5.0     | ---       |
| <b>Hydrocarbons (QCLot: 2075212)</b>                     |            |           |        |       |          |           |
| F1 (C6-C10)                                              | ---        | E581.F1   | 5      | mg/kg | <5.0     | ---       |
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2074017)</b> |            |           |        |       |          |           |
| Acenaphthene                                             | 83-32-9    | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Acenaphthylene                                           | 208-96-8   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Anthracene                                               | 120-12-7   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Benz(a)anthracene                                        | 56-55-3    | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Benzo(a)pyrene                                           | 50-32-8    | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Benzo(b+j)fluoranthene                                   | n/a        | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Benzo(g,h,i)perylene                                     | 191-24-2   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Benzo(k)fluoranthene                                     | 207-08-9   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Chrysene                                                 | 218-01-9   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Dibenz(a,h)anthracene                                    | 53-70-3    | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Fluoranthene                                             | 206-44-0   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Fluorene                                                 | 86-73-7    | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Indeno(1,2,3-c,d)pyrene                                  | 193-39-5   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Methylnaphthalene, 1-                                    | 90-12-0    | E641A     | 0.03   | mg/kg | <0.030   | ---       |
| Methylnaphthalene, 2-                                    | 91-57-6    | E641A     | 0.03   | mg/kg | <0.030   | ---       |
| Naphthalene                                              | 91-20-3    | E641A     | 0.01   | mg/kg | <0.010   | ---       |
| Phenanthrene                                             | 85-01-8    | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| Pyrene                                                   | 129-00-0   | E641A     | 0.05   | mg/kg | <0.050   | ---       |
| <b>Organochlorine Pesticides (QCLot: 2075316)</b>        |            |           |        |       |          |           |
| Aldrin                                                   | 309-00-2   | E660F-L   | 0.0002 | mg/kg | <0.00025 | ---       |
| Chlordane, cis- (alpha)                                  | 5103-71-9  | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| Chlordane, trans- (gamma)                                | 5103-74-2  | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| DDD, 2,4'-                                               | 53-19-0    | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| DDD, 4,4'-                                               | 72-54-8    | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| DDE, 2,4'-                                               | 3424-82-6  | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| DDE, 4,4'-                                               | 72-55-9    | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| DDT, 2,4'-                                               | 789-02-6   | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |
| DDT, 4,4'-                                               | 50-29-3    | E660F-L   | 0.0003 | mg/kg | <0.00030 | ---       |



Sub-Matrix: Soil/Solid

| Analyte                                                | CAS Number | Method  | LOR    | Unit  | Result   | Qualifier |
|--------------------------------------------------------|------------|---------|--------|-------|----------|-----------|
| Organochlorine Pesticides (QCLot: 2075316) - continued |            |         |        |       |          |           |
| Dieldrin                                               | 60-57-1    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Endosulfan, alpha-                                     | 959-98-8   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endosulfan, beta-                                      | 33213-65-9 | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endrin                                                 | 72-20-8    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Heptachlor                                             | 76-44-8    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Heptachlor epoxide                                     | 1024-57-3  | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachlorobenzene                                      | 118-74-1   | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorobutadiene                                    | 87-68-3    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorocyclohexane, gamma-                          | 58-89-9    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachloroethane                                       | 67-72-1    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Methoxychlor                                           | 72-43-5    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |





Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

| Sub-Matrix: Soil/Solid          |            |        |       |          | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------|------------|--------|-------|----------|----------------------------------------|--------------|---------------------|------|-----------|
|                                 |            |        |       |          | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                 |            |        |       |          | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                         | CAS Number | Method | LOR   | Unit     | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Physical Tests (QCLot: 2074023) |            |        |       |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ----  | pH units | 7 pH units                             | 100          | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2074025) |            |        |       |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5     | µS/cm    | 1410 µS/cm                             | 98.2         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2074033) |            |        |       |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25  | %        | 50 %                                   | 102          | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2075371) |            |        |       |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ----  | pH units | 7 pH units                             | 101          | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2075388) |            |        |       |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25  | %        | 50 %                                   | 99.1         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2076316) |            |        |       |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25  | %        | 50 %                                   | 99.4         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2077872) |            |        |       |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5     | µS/cm    | 1410 µS/cm                             | 98.9         | 90.0                | 110  | ----      |
| Cyanides (QCLot: 2074016)       |            |        |       |          |                                        |              |                     |      |           |
| Cyanide, weak acid dissociable  | ----       | E336A  | 0.05  | mg/kg    | 1.25 mg/kg                             | 86.2         | 80.0                | 120  | ----      |
| Inorganics (QCLot: 2074712)     |            |        |       |          |                                        |              |                     |      |           |
| Sulfides, acid volatile         | ----       | E396-L | 0.2   | mg/kg    | 100 mg/kg                              | 111          | 70.0                | 130  | ----      |
| Inorganics (QCLot: 2089556)     |            |        |       |          |                                        |              |                     |      |           |
| Sulfides, acid volatile         | ----       | E396-L | 0.2   | mg/kg    | 100 mg/kg                              | 108          | 70.0                | 130  | ----      |
| Metals (QCLot: 2074024)         |            |        |       |          |                                        |              |                     |      |           |
| Calcium, soluble ion content    | 7440-70-2  | E484   | 0.5   | mg/L     | 300 mg/L                               | 104          | 80.0                | 120  | ----      |
| Magnesium, soluble ion content  | 7439-95-4  | E484   | 0.5   | mg/L     | 50 mg/L                                | 100          | 80.0                | 120  | ----      |
| Sodium, soluble ion content     | 17341-25-2 | E484   | 0.5   | mg/L     | 50 mg/L                                | 102          | 80.0                | 120  | ----      |
| Metals (QCLot: 2074026)         |            |        |       |          |                                        |              |                     |      |           |
| Boron, hot water soluble        | 7440-42-8  | E487   | 0.1   | mg/kg    | 2 mg/kg                                | 99.3         | 70.0                | 130  | ----      |
| Metals (QCLot: 2074027)         |            |        |       |          |                                        |              |                     |      |           |
| Mercury                         | 7439-97-6  | E510C  | 0.005 | mg/kg    | 0.1 mg/kg                              | 104          | 80.0                | 120  | ----      |
| Metals (QCLot: 2074028)         |            |        |       |          |                                        |              |                     |      |           |
| Antimony                        | 7440-36-0  | E440C  | 0.1   | mg/kg    | 100 mg/kg                              | 113          | 80.0                | 120  | ----      |



Sub-Matrix: Soil/Solid

|                                               |            |          |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-----------------------------------------------|------------|----------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                               |            |          |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                       | CAS Number | Method   | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Metals (QCLot: 2074028) - continued           |            |          |       |       |                                        |              |                     |      |           |
| Arsenic                                       | 7440-38-2  | E440C    | 0.1   | mg/kg | 100 mg/kg                              | 108          | 80.0                | 120  | ----      |
| Barium                                        | 7440-39-3  | E440C    | 0.5   | mg/kg | 25 mg/kg                               | 105          | 80.0                | 120  | ----      |
| Beryllium                                     | 7440-41-7  | E440C    | 0.1   | mg/kg | 10 mg/kg                               | 103          | 80.0                | 120  | ----      |
| Boron                                         | 7440-42-8  | E440C    | 5     | mg/kg | 100 mg/kg                              | 101          | 80.0                | 120  | ----      |
| Cadmium                                       | 7440-43-9  | E440C    | 0.02  | mg/kg | 10 mg/kg                               | 95.6         | 80.0                | 120  | ----      |
| Chromium                                      | 7440-47-3  | E440C    | 0.5   | mg/kg | 25 mg/kg                               | 104          | 80.0                | 120  | ----      |
| Cobalt                                        | 7440-48-4  | E440C    | 0.1   | mg/kg | 25 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Copper                                        | 7440-50-8  | E440C    | 0.5   | mg/kg | 25 mg/kg                               | 101          | 80.0                | 120  | ----      |
| Lead                                          | 7439-92-1  | E440C    | 0.5   | mg/kg | 50 mg/kg                               | 97.9         | 80.0                | 120  | ----      |
| Molybdenum                                    | 7439-98-7  | E440C    | 0.1   | mg/kg | 25 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Nickel                                        | 7440-02-0  | E440C    | 0.5   | mg/kg | 50 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Selenium                                      | 7782-49-2  | E440C    | 0.2   | mg/kg | 100 mg/kg                              | 102          | 80.0                | 120  | ----      |
| Silver                                        | 7440-22-4  | E440C    | 0.1   | mg/kg | 10 mg/kg                               | 93.0         | 80.0                | 120  | ----      |
| Thallium                                      | 7440-28-0  | E440C    | 0.05  | mg/kg | 100 mg/kg                              | 98.9         | 80.0                | 120  | ----      |
| Uranium                                       | 7440-61-1  | E440C    | 0.05  | mg/kg | 0.5 mg/kg                              | 94.5         | 80.0                | 120  | ----      |
| Vanadium                                      | 7440-62-2  | E440C    | 0.2   | mg/kg | 50 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Zinc                                          | 7440-66-6  | E440C    | 2     | mg/kg | 50 mg/kg                               | 101          | 80.0                | 120  | ----      |
| Speciated Metals (QCLot: 2074022)             |            |          |       |       |                                        |              |                     |      |           |
| Chromium, hexavalent [Cr VI]                  | 18540-29-9 | E532     | 0.1   | mg/kg | 0.8 mg/kg                              | 107          | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2078166) |            |          |       |       |                                        |              |                     |      |           |
| Chloride, soluble ion content                 | 16887-00-6 | E236.Cl  | 5     | mg/kg | 1000 mg/kg                             | 99.4         | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2078167) |            |          |       |       |                                        |              |                     |      |           |
| Sulfate, soluble ion content                  | 14808-79-8 | E236.SO4 | 20    | mg/kg | 1000 mg/kg                             | 100          | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083191) |            |          |       |       |                                        |              |                     |      |           |
| Chloride, soluble ion content                 | 16887-00-6 | E236.Cl  | 5     | mg/kg | 1000 mg/kg                             | 98.7         | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083192) |            |          |       |       |                                        |              |                     |      |           |
| Sulfate, soluble ion content                  | 14808-79-8 | E236.SO4 | 20    | mg/kg | 1000 mg/kg                             | 95.9         | 80.0                | 120  | ----      |
| Volatile Organic Compounds (QCLot: 2074367)   |            |          |       |       |                                        |              |                     |      |           |
| Acetone                                       | 67-64-1    | E611D    | 0.5   | mg/kg | 3.48 mg/kg                             | 96.4         | 60.0                | 140  | ----      |
| Benzene                                       | 71-43-2    | E611D    | 0.005 | mg/kg | 3.48 mg/kg                             | 91.0         | 70.0                | 130  | ----      |
| Bromodichloromethane                          | 75-27-4    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 100          | 50.0                | 140  | ----      |
| Bromoform                                     | 75-25-2    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | # 69.2       | 70.0                | 130  | MES       |
| Bromomethane                                  | 74-83-9    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 83.3         | 50.0                | 140  | ----      |



Sub-Matrix: Soil/Solid

|                                                         |             |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                                 | CAS Number  | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2074367) - continued |             |        |       |       |                                        |              |                     |      |           |
| Carbon tetrachloride                                    | 56-23-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 90.8         | 70.0                | 130  | ----      |
| Chlorobenzene                                           | 108-90-7    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 95.7         | 70.0                | 130  | ----      |
| Chloroform                                              | 67-66-3     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 104          | 70.0                | 130  | ----      |
| Dibromochloromethane                                    | 124-48-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 90.9         | 60.0                | 130  | ----      |
| Dibromoethane, 1,2-                                     | 106-93-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 100          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                                   | 95-50-1     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.5         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                                   | 541-73-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 97.3         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                                   | 106-46-7    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 98.1         | 70.0                | 130  | ----      |
| Dichlorodifluoromethane                                 | 75-71-8     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 87.8         | 50.0                | 140  | ----      |
| Dichloroethane, 1,1-                                    | 75-34-3     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 86.6         | 60.0                | 130  | ----      |
| Dichloroethane, 1,2-                                    | 107-06-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 92.2         | 60.0                | 130  | ----      |
| Dichloroethylene, 1,1-                                  | 75-35-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.9         | 60.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-                              | 156-59-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-                            | 156-60-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 106          | 60.0                | 130  | ----      |
| Dichloromethane                                         | 75-09-2     | E611D  | 0.045 | mg/kg | 3.48 mg/kg                             | 104          | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                                   | 78-87-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 97.2         | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                             | 10061-01-5  | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 90.5         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-                           | 10061-02-6  | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 89.9         | 70.0                | 130  | ----      |
| Ethylbenzene                                            | 100-41-4    | E611D  | 0.015 | mg/kg | 3.48 mg/kg                             | 86.8         | 70.0                | 130  | ----      |
| Hexane, n-                                              | 110-54-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 87.9         | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK]                               | 78-93-3     | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 86.1         | 60.0                | 140  | ----      |
| Methyl isobutyl ketone [MIBK]                           | 108-10-1    | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 87.0         | 60.0                | 140  | ----      |
| Methyl-tert-butyl ether [MTBE]                          | 1634-04-4   | E611D  | 0.04  | mg/kg | 3.48 mg/kg                             | 91.8         | 70.0                | 130  | ----      |
| Styrene                                                 | 100-42-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 82.0         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 94.6         | 60.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 95.0         | 60.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 86.2         | 60.0                | 130  | ----      |
| Toluene                                                 | 108-88-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 89.8         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 93.9         | 60.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 102          | 60.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6     | E611D  | 0.01  | mg/kg | 3.48 mg/kg                             | 99.7         | 60.0                | 130  | ----      |
| Trichlorofluoromethane                                  | 75-69-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.8         | 50.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611D  | 0.02  | mg/kg | 3.48 mg/kg                             | 95.8         | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611D  | 0.03  | mg/kg | 6.95 mg/kg                             | 88.1         | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 87.8         | 70.0                | 130  | ----      |
| Volatile Organic Compounds (QCLot: 2075211)             |             |        |       |       |                                        |              |                     |      |           |



| Sub-Matrix: Soil/Solid                                  |            |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |            |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                         |            |        |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                 | CAS Number | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2075211) - continued |            |        |       |       |                                        |              |                     |      |           |
| Acetone                                                 | 67-64-1    | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 106          | 60.0                | 140  | ----      |
| Benzene                                                 | 71-43-2    | E611D  | 0.005 | mg/kg | 3.48 mg/kg                             | 106          | 70.0                | 130  | ----      |
| Bromodichloromethane                                    | 75-27-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 105          | 50.0                | 140  | ----      |
| Bromoform                                               | 75-25-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 106          | 70.0                | 130  | ----      |
| Bromomethane                                            | 74-83-9    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 78.5         | 50.0                | 140  | ----      |
| Carbon tetrachloride                                    | 56-23-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.0         | 70.0                | 130  | ----      |
| Chlorobenzene                                           | 108-90-7   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.0         | 70.0                | 130  | ----      |
| Chloroform                                              | 67-66-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 104          | 70.0                | 130  | ----      |
| Dibromochloromethane                                    | 124-48-1   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 107          | 60.0                | 130  | ----      |
| Dibromoethane, 1,2-                                     | 106-93-4   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 95.5         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                                   | 95-50-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 100          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                                   | 541-73-1   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 93.0         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                                   | 106-46-7   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 95.2         | 70.0                | 130  | ----      |
| Dichlorodifluoromethane                                 | 75-71-8    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 84.9         | 50.0                | 140  | ----      |
| Dichloroethane, 1,1-                                    | 75-34-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 84.1         | 60.0                | 130  | ----      |
| Dichloroethane, 1,2-                                    | 107-06-2   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 110          | 60.0                | 130  | ----      |
| Dichloroethylene, 1,1-                                  | 75-35-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 93.5         | 60.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-                              | 156-59-2   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 105          | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-                            | 156-60-5   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 95.5         | 60.0                | 130  | ----      |
| Dichloromethane                                         | 75-09-2    | E611D  | 0.045 | mg/kg | 3.48 mg/kg                             | 93.3         | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                                   | 78-87-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 106          | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                             | 10061-01-5 | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 88.1         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-                           | 10061-02-6 | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 90.4         | 70.0                | 130  | ----      |
| Ethylbenzene                                            | 100-41-4   | E611D  | 0.015 | mg/kg | 3.48 mg/kg                             | 92.9         | 70.0                | 130  | ----      |
| Hexane, n-                                              | 110-54-3   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 86.4         | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK]                               | 78-93-3    | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 105          | 60.0                | 140  | ----      |
| Methyl isobutyl ketone [MIBK]                           | 108-10-1   | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 102          | 60.0                | 140  | ----      |
| Methyl-tert-butyl ether [MTBE]                          | 1634-04-4  | E611D  | 0.04  | mg/kg | 3.48 mg/kg                             | 92.0         | 70.0                | 130  | ----      |
| Styrene                                                 | 100-42-5   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.3         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 100          | 60.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 115          | 60.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 90.6         | 60.0                | 130  | ----      |
| Toluene                                                 | 108-88-3   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 99.5         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 92.6         | 60.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 98.3         | 60.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6    | E611D  | 0.01  | mg/kg | 3.48 mg/kg                             | 99.4         | 60.0                | 130  | ----      |



| Sub-Matrix: Soil/Solid                                  |             |           |        |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|-----------|--------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |           |        |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                         |             |           |        |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                 | CAS Number  | Method    | LOR    | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2075211) - continued |             |           |        |       |                                        |              |                     |      |           |
| Trichlorofluoromethane                                  | 75-69-4     | E611D     | 0.05   | mg/kg | 3.48 mg/kg                             | 87.0         | 50.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611D     | 0.02   | mg/kg | 3.48 mg/kg                             | 98.8         | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611D     | 0.03   | mg/kg | 6.95 mg/kg                             | 96.6         | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611D     | 0.03   | mg/kg | 3.48 mg/kg                             | 99.3         | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2074018)                           |             |           |        |       |                                        |              |                     |      |           |
| F2 (C10-C16)                                            | ----        | E601.SG-L | 10     | mg/kg | 671 mg/kg                              | 99.5         | 70.0                | 130  | ----      |
| F3 (C16-C34)                                            | ----        | E601.SG-L | 50     | mg/kg | 1380 mg/kg                             | 108          | 70.0                | 130  | ----      |
| F4 (C34-C50)                                            | ----        | E601.SG-L | 50     | mg/kg | 748 mg/kg                              | 106          | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2074368)                           |             |           |        |       |                                        |              |                     |      |           |
| F1 (C6-C10)                                             | ----        | E581.F1   | 5      | mg/kg | 69.2 mg/kg                             | 105          | 80.0                | 120  | ----      |
| Hydrocarbons (QCLot: 2075212)                           |             |           |        |       |                                        |              |                     |      |           |
| F1 (C6-C10)                                             | ----        | E581.F1   | 5      | mg/kg | 69.2 mg/kg                             | 104          | 80.0                | 120  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2074017)       |             |           |        |       |                                        |              |                     |      |           |
| Acenaphthene                                            | 83-32-9     | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 85.6         | 60.0                | 130  | ----      |
| Acenaphthylene                                          | 208-96-8    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 87.9         | 60.0                | 130  | ----      |
| Anthracene                                              | 120-12-7    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 92.5         | 60.0                | 130  | ----      |
| Benz(a)anthracene                                       | 56-55-3     | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 95.6         | 60.0                | 130  | ----      |
| Benzo(a)pyrene                                          | 50-32-8     | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 92.0         | 60.0                | 130  | ----      |
| Benzo(b+j)fluoranthene                                  | n/a         | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 95.5         | 60.0                | 130  | ----      |
| Benzo(g,h,i)perylene                                    | 191-24-2    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 96.1         | 60.0                | 130  | ----      |
| Benzo(k)fluoranthene                                    | 207-08-9    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 96.0         | 60.0                | 130  | ----      |
| Chrysene                                                | 218-01-9    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 98.7         | 60.0                | 130  | ----      |
| Dibenz(a,h)anthracene                                   | 53-70-3     | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 94.3         | 60.0                | 130  | ----      |
| Fluoranthene                                            | 206-44-0    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 87.6         | 60.0                | 130  | ----      |
| Fluorene                                                | 86-73-7     | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 91.8         | 60.0                | 130  | ----      |
| Indeno(1,2,3-c,d)pyrene                                 | 193-39-5    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 97.7         | 60.0                | 130  | ----      |
| Methylnaphthalene, 1-                                   | 90-12-0     | E641A     | 0.03   | mg/kg | 0.5 mg/kg                              | 74.4         | 60.0                | 130  | ----      |
| Methylnaphthalene, 2-                                   | 91-57-6     | E641A     | 0.03   | mg/kg | 0.5 mg/kg                              | 83.4         | 60.0                | 130  | ----      |
| Naphthalene                                             | 91-20-3     | E641A     | 0.01   | mg/kg | 0.5 mg/kg                              | 70.6         | 60.0                | 130  | ----      |
| Phenanthrene                                            | 85-01-8     | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 91.1         | 60.0                | 130  | ----      |
| Pyrene                                                  | 129-00-0    | E641A     | 0.05   | mg/kg | 0.5 mg/kg                              | 89.7         | 60.0                | 130  | ----      |
| Organochlorine Pesticides (QCLot: 2075316)              |             |           |        |       |                                        |              |                     |      |           |
| Aldrin                                                  | 309-00-2    | E660F-L   | 0.0002 | mg/kg | 0.012 mg/kg                            | 66.8         | 50.0                | 150  | ----      |



| Sub-Matrix: Soil/Solid                                 |            |         |        |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|--------------------------------------------------------|------------|---------|--------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                        |            |         |        |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                        |            |         |        |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                | CAS Number | Method  | LOR    | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Organochlorine Pesticides (QCLot: 2075316) - continued |            |         |        |       |                                        |              |                     |      |           |
| Chlordane, cis- (alpha)                                | 5103-71-9  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 91.8         | 50.0                | 150  | ----      |
| Chlordane, trans- (gamma)                              | 5103-74-2  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 84.2         | 50.0                | 150  | ----      |
| DDD, 2,4'-                                             | 53-19-0    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 83.3         | 50.0                | 150  | ----      |
| DDD, 4,4'-                                             | 72-54-8    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 97.1         | 50.0                | 150  | ----      |
| DDE, 2,4'-                                             | 3424-82-6  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 87.8         | 50.0                | 150  | ----      |
| DDE, 4,4'-                                             | 72-55-9    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 83.4         | 50.0                | 150  | ----      |
| DDT, 2,4'-                                             | 789-02-6   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 86.4         | 50.0                | 150  | ----      |
| DDT, 4,4'-                                             | 50-29-3    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 89.2         | 50.0                | 150  | ----      |
| Dieldrin                                               | 60-57-1    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 79.7         | 50.0                | 150  | ----      |
| Endosulfan, alpha-                                     | 959-98-8   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 88.6         | 50.0                | 150  | ----      |
| Endosulfan, beta-                                      | 33213-65-9 | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 72.2         | 50.0                | 150  | ----      |
| Endrin                                                 | 72-20-8    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 82.2         | 50.0                | 150  | ----      |
| Heptachlor                                             | 76-44-8    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 65.2         | 50.0                | 150  | ----      |
| Heptachlor epoxide                                     | 1024-57-3  | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 82.4         | 50.0                | 150  | ----      |
| Hexachlorobenzene                                      | 118-74-1   | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 74.9         | 50.0                | 150  | ----      |
| Hexachlorobutadiene                                    | 87-68-3    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 72.4         | 50.0                | 150  | ----      |
| Hexachlorocyclohexane, gamma-                          | 58-89-9    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 68.3         | 50.0                | 150  | ----      |
| Hexachloroethane                                       | 67-72-1    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 69.6         | 50.0                | 150  | ----      |
| Methoxychlor                                           | 72-43-5    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 79.8         | 50.0                | 150  | ----      |

Qualifiers

| Qualifier | Description                                                                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MES       | Data Quality Objective was marginally exceeded (by < 10% absolute) for < 10% of analytes in a Multi-Element Scan / Multi-Parameter Scan (considered acceptable as per OMOE & CCME). |



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                      |                                      |                                |            |        | Matrix Spike (MS) Report |            |              |                     |      |           |
|---------------------------------------------|--------------------------------------|--------------------------------|------------|--------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                             |                                      |                                |            |        | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                        | Client sample ID                     | Analyte                        | CAS Number | Method | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Cyanides (QCLot: 2074016)                   |                                      |                                |            |        |                          |            |              |                     |      |           |
| WT2516558-003                               | S-12669624-18/06/25-RB-M<br>W25-5-7' | Cyanide, weak acid dissociable | ----       | E336A  | 1.16 mg/kg               | 1.27 mg/kg | 91.3         | 70.0                | 130  | ----      |
| Volatile Organic Compounds (QCLot: 2074367) |                                      |                                |            |        |                          |            |              |                     |      |           |
| WT2516551-020                               | Anonymous                            | Acetone                        | 67-64-1    | E611D  | 2.14 mg/kg               | 1.97 mg/kg | 108          | 50.0                | 140  | ----      |
|                                             |                                      | Benzene                        | 71-43-2    | E611D  | 2.02 mg/kg               | 1.97 mg/kg | 102          | 50.0                | 140  | ----      |
|                                             |                                      | Bromodichloromethane           | 75-27-4    | E611D  | 2.17 mg/kg               | 1.97 mg/kg | 110          | 50.0                | 140  | ----      |
|                                             |                                      | Bromoform                      | 75-25-2    | E611D  | 1.51 mg/kg               | 1.97 mg/kg | 76.3         | 50.0                | 140  | ----      |
|                                             |                                      | Bromomethane                   | 74-83-9    | E611D  | 1.85 mg/kg               | 1.97 mg/kg | 94.0         | 50.0                | 140  | ----      |
|                                             |                                      | Carbon tetrachloride           | 56-23-5    | E611D  | 2.01 mg/kg               | 1.97 mg/kg | 102          | 50.0                | 140  | ----      |
|                                             |                                      | Chlorobenzene                  | 108-90-7   | E611D  | 2.13 mg/kg               | 1.97 mg/kg | 108          | 50.0                | 140  | ----      |
|                                             |                                      | Chloroform                     | 67-66-3    | E611D  | 2.32 mg/kg               | 1.97 mg/kg | 118          | 50.0                | 140  | ----      |
|                                             |                                      | Dibromochloromethane           | 124-48-1   | E611D  | 1.96 mg/kg               | 1.97 mg/kg | 99.6         | 50.0                | 140  | ----      |
|                                             |                                      | Dibromoethane, 1,2-            | 106-93-4   | E611D  | 2.17 mg/kg               | 1.97 mg/kg | 110          | 50.0                | 140  | ----      |
|                                             |                                      | Dichlorobenzene, 1,2-          | 95-50-1    | E611D  | 2.11 mg/kg               | 1.97 mg/kg | 107          | 50.0                | 140  | ----      |
|                                             |                                      | Dichlorobenzene, 1,3-          | 541-73-1   | E611D  | 2.12 mg/kg               | 1.97 mg/kg | 108          | 50.0                | 140  | ----      |
|                                             |                                      | Dichlorobenzene, 1,4-          | 106-46-7   | E611D  | 2.16 mg/kg               | 1.97 mg/kg | 110          | 50.0                | 140  | ----      |
|                                             |                                      | Dichlorodifluoromethane        | 75-71-8    | E611D  | 2.43 mg/kg               | 1.97 mg/kg | 123          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloroethane, 1,1-           | 75-34-3    | E611D  | 2.12 mg/kg               | 1.97 mg/kg | 108          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloroethane, 1,2-           | 107-06-2   | E611D  | 2.00 mg/kg               | 1.97 mg/kg | 101          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloroethylene, 1,1-         | 75-35-4    | E611D  | 2.18 mg/kg               | 1.97 mg/kg | 111          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloroethylene, cis-1,2-     | 156-59-2   | E611D  | 2.20 mg/kg               | 1.97 mg/kg | 112          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloroethylene, trans-1,2-   | 156-60-5   | E611D  | 2.34 mg/kg               | 1.97 mg/kg | 118          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloromethane                | 75-09-2    | E611D  | 2.27 mg/kg               | 1.97 mg/kg | 115          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloropropane, 1,2-          | 78-87-5    | E611D  | 2.14 mg/kg               | 1.97 mg/kg | 109          | 50.0                | 140  | ----      |
|                                             |                                      | Dichloropropylene, cis-1,3-    | 10061-01-5 | E611D  | 1.96 mg/kg               | 1.97 mg/kg | 99.6         | 50.0                | 140  | ----      |
|                                             |                                      | Dichloropropylene, trans-1,3-  | 10061-02-6 | E611D  | 1.97 mg/kg               | 1.97 mg/kg | 99.9         | 50.0                | 140  | ----      |
|                                             |                                      | Ethylbenzene                   | 100-41-4   | E611D  | 1.97 mg/kg               | 1.97 mg/kg | 99.7         | 50.0                | 140  | ----      |
|                                             |                                      | Hexane, n-                     | 110-54-3   | E611D  | 2.17 mg/kg               | 1.97 mg/kg | 110          | 50.0                | 140  | ----      |
|                                             |                                      | Methyl ethyl ketone [MEK]      | 78-93-3    | E611D  | 1.77 mg/kg               | 1.97 mg/kg | 89.7         | 50.0                | 140  | ----      |
|                                             |                                      | Methyl isobutyl ketone [MIBK]  | 108-10-1   | E611D  | 1.81 mg/kg               | 1.97 mg/kg | 91.8         | 50.0                | 140  | ----      |
|                                             |                                      | Methyl-tert-butyl ether [MTBE] | 1634-04-4  | E611D  | 2.04 mg/kg               | 1.97 mg/kg | 103          | 50.0                | 140  | ----      |
|                                             |                                      | Styrene                        | 100-42-5   | E611D  | 1.83 mg/kg               | 1.97 mg/kg | 92.5         | 50.0                | 140  | ----      |
|                                             |                                      | Tetrachloroethane, 1,1,1,2-    | 630-20-6   | E611D  | 2.08 mg/kg               | 1.97 mg/kg | 105          | 50.0                | 140  | ----      |
|                                             |                                      | Tetrachloroethane, 1,1,2,2-    | 79-34-5    | E611D  | 2.05 mg/kg               | 1.97 mg/kg | 104          | 50.0                | 140  | ----      |
|                                             |                                      | Tetrachloroethylene            | 127-18-4   | E611D  | 1.92 mg/kg               | 1.97 mg/kg | 97.2         | 50.0                | 140  | ----      |
|                                             |                                      | Toluene                        | 108-88-3   | E611D  | 2.02 mg/kg               | 1.97 mg/kg | 102          | 50.0                | 140  | ----      |
|                                             |                                      | Trichloroethane, 1,1,1-        | 71-55-6    | E611D  | 2.08 mg/kg               | 1.97 mg/kg | 106          | 50.0                | 140  | ----      |
|                                             |                                      | Trichloroethane, 1,1,2-        | 79-00-5    | E611D  | 2.23 mg/kg               | 1.97 mg/kg | 113          | 50.0                | 140  | ----      |
|                                             |                                      | Trichloroethylene              | 79-01-6    | E611D  | 2.18 mg/kg               | 1.97 mg/kg | 110          | 50.0                | 140  | ----      |





| Sub-Matrix: Soil/Solid                                  |                                         |                                |             |        | Matrix Spike (MS) Report |            |              |                     |      |           |
|---------------------------------------------------------|-----------------------------------------|--------------------------------|-------------|--------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                                         |                                         |                                |             |        | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                    | Client sample ID                        | Analyte                        | CAS Number  | Method | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2074367) - continued |                                         |                                |             |        |                          |            |              |                     |      |           |
| WT2516551-020                                           | Anonymous                               | Trichlorofluoromethane         | 75-69-4     | E611D  | 2.18 mg/kg               | 1.97 mg/kg | 110          | 50.0                | 140  | ----      |
|                                                         |                                         | Vinyl chloride                 | 75-01-4     | E611D  | 2.22 mg/kg               | 1.97 mg/kg | 113          | 50.0                | 140  | ----      |
|                                                         |                                         | Xylene, m+p-                   | 179601-23-1 | E611D  | 3.98 mg/kg               | 3.95 mg/kg | 101          | 50.0                | 140  | ----      |
|                                                         |                                         | Xylene, o-                     | 95-47-6     | E611D  | 1.98 mg/kg               | 1.97 mg/kg | 100          | 50.0                | 140  | ----      |
| Volatile Organic Compounds (QCLot: 2075211)             |                                         |                                |             |        |                          |            |              |                     |      |           |
| WT2516558-020                                           | S-12669624-20/06/25-RB-M<br>W25-11-0-2' | Acetone                        | 67-64-1     | E611D  | 2.54 mg/kg               | 2.08 mg/kg | 122          | 50.0                | 140  | ----      |
|                                                         |                                         | Benzene                        | 71-43-2     | E611D  | 2.35 mg/kg               | 2.08 mg/kg | 113          | 50.0                | 140  | ----      |
|                                                         |                                         | Bromodichloromethane           | 75-27-4     | E611D  | 2.38 mg/kg               | 2.08 mg/kg | 114          | 50.0                | 140  | ----      |
|                                                         |                                         | Bromoform                      | 75-25-2     | E611D  | 2.48 mg/kg               | 2.08 mg/kg | 119          | 50.0                | 140  | ----      |
|                                                         |                                         | Bromomethane                   | 74-83-9     | E611D  | 1.79 mg/kg               | 2.08 mg/kg | 86.1         | 50.0                | 140  | ----      |
|                                                         |                                         | Carbon tetrachloride           | 56-23-5     | E611D  | 2.12 mg/kg               | 2.08 mg/kg | 102          | 50.0                | 140  | ----      |
|                                                         |                                         | Chlorobenzene                  | 108-90-7    | E611D  | 2.16 mg/kg               | 2.08 mg/kg | 104          | 50.0                | 140  | ----      |
|                                                         |                                         | Chloroform                     | 67-66-3     | E611D  | 2.29 mg/kg               | 2.08 mg/kg | 110          | 50.0                | 140  | ----      |
|                                                         |                                         | Dibromochloromethane           | 124-48-1    | E611D  | 2.39 mg/kg               | 2.08 mg/kg | 115          | 50.0                | 140  | ----      |
|                                                         |                                         | Dibromoethane, 1,2-            | 106-93-4    | E611D  | 2.17 mg/kg               | 2.08 mg/kg | 104          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichlorobenzene, 1,2-          | 95-50-1     | E611D  | 2.26 mg/kg               | 2.08 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichlorobenzene, 1,3-          | 541-73-1    | E611D  | 2.21 mg/kg               | 2.08 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichlorobenzene, 1,4-          | 106-46-7    | E611D  | 2.25 mg/kg               | 2.08 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichlorodifluoromethane        | 75-71-8     | E611D  | 2.46 mg/kg               | 2.08 mg/kg | 118          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloroethane, 1,1-           | 75-34-3     | E611D  | 2.28 mg/kg               | 2.08 mg/kg | 109          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloroethane, 1,2-           | 107-06-2    | E611D  | 2.42 mg/kg               | 2.08 mg/kg | 116          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloroethylene, 1,1-         | 75-35-4     | E611D  | 2.27 mg/kg               | 2.08 mg/kg | 109          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloroethylene, cis-1,2-     | 156-59-2    | E611D  | 2.32 mg/kg               | 2.08 mg/kg | 111          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloroethylene, trans-1,2-   | 156-60-5    | E611D  | 2.32 mg/kg               | 2.08 mg/kg | 111          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloromethane                | 75-09-2     | E611D  | 2.21 mg/kg               | 2.08 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloropropane, 1,2-          | 78-87-5     | E611D  | 2.32 mg/kg               | 2.08 mg/kg | 112          | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D  | 2.06 mg/kg               | 2.08 mg/kg | 98.7         | 50.0                | 140  | ----      |
|                                                         |                                         | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D  | 2.08 mg/kg               | 2.08 mg/kg | 100          | 50.0                | 140  | ----      |
|                                                         |                                         | Ethylbenzene                   | 100-41-4    | E611D  | 2.09 mg/kg               | 2.08 mg/kg | 100          | 50.0                | 140  | ----      |
|                                                         |                                         | Hexane, n-                     | 110-54-3    | E611D  | 2.38 mg/kg               | 2.08 mg/kg | 114          | 50.0                | 140  | ----      |
|                                                         |                                         | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D  | 2.30 mg/kg               | 2.08 mg/kg | 110          | 50.0                | 140  | ----      |
|                                                         |                                         | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D  | 2.15 mg/kg               | 2.08 mg/kg | 103          | 50.0                | 140  | ----      |
|                                                         |                                         | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D  | 2.08 mg/kg               | 2.08 mg/kg | 100          | 50.0                | 140  | ----      |
|                                                         |                                         | Styrene                        | 100-42-5    | E611D  | 2.06 mg/kg               | 2.08 mg/kg | 99.0         | 50.0                | 140  | ----      |
|                                                         |                                         | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D  | 2.15 mg/kg               | 2.08 mg/kg | 103          | 50.0                | 140  | ----      |
|                                                         |                                         | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D  | 2.69 mg/kg               | 2.08 mg/kg | 129          | 50.0                | 140  | ----      |
|                                                         |                                         | Tetrachloroethylene            | 127-18-4    | E611D  | 2.08 mg/kg               | 2.08 mg/kg | 99.7         | 50.0                | 140  | ----      |
|                                                         |                                         | Toluene                        | 108-88-3    | E611D  | 2.26 mg/kg               | 2.08 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                         | Trichloroethane, 1,1,1-        | 71-55-6     | E611D  | 2.04 mg/kg               | 2.08 mg/kg | 97.8         | 50.0                | 140  | ----      |
|                                                         |                                         | Trichloroethane, 1,1,2-        | 79-00-5     | E611D  | 2.21 mg/kg               | 2.08 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                         | Trichloroethylene              | 79-01-6     | E611D  | 2.18 mg/kg               | 2.08 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                         | Trichlorofluoromethane         | 75-69-4     | E611D  | 2.14 mg/kg               | 2.08 mg/kg | 103          | 50.0                | 140  | ----      |
|                                                         |                                         | Vinyl chloride                 | 75-01-4     | E611D  | 2.32 mg/kg               | 2.08 mg/kg | 111          | 50.0                | 140  | ----      |
|                                                         |                                         | Xylene, m+p-                   | 179601-23-1 | E611D  | 4.24 mg/kg               | 4.17 mg/kg | 102          | 50.0                | 140  | ----      |



| Sub-Matrix: Soil/Solid                                  |                                         |                           |            |           | Matrix Spike (MS) Report |             |              |                     |      |           |
|---------------------------------------------------------|-----------------------------------------|---------------------------|------------|-----------|--------------------------|-------------|--------------|---------------------|------|-----------|
|                                                         |                                         |                           |            |           | Spike                    |             | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                    | Client sample ID                        | Analyte                   | CAS Number | Method    | Concentration            | Target      | MS           | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2075211) - continued |                                         |                           |            |           |                          |             |              |                     |      |           |
| WT2516558-020                                           | S-12669624-20/06/25-RB-M                | Xylene, o-                | 95-47-6    | E611D     | 2.12 mg/kg               | 2.08 mg/kg  | 102          | 50.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2074018)                           |                                         |                           |            |           |                          |             |              |                     |      |           |
| WT2516558-002                                           | S-12669624-18/06/25-RB-M<br>W25-14-0-2' | F2 (C10-C16)              | ----       | E601.SG-L | 531 mg/kg                | 539 mg/kg   | 98.4         | 60.0                | 140  | ----      |
|                                                         |                                         | F3 (C16-C34)              | ----       | E601.SG-L | 1170 mg/kg               | 1110 mg/kg  | 106          | 60.0                | 140  | ----      |
|                                                         |                                         | F4 (C34-C50)              | ----       | E601.SG-L | 632 mg/kg                | 601 mg/kg   | 105          | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2074368)                           |                                         |                           |            |           |                          |             |              |                     |      |           |
| WT2516551-020                                           | Anonymous                               | F1 (C6-C10)               | ----       | E581.F1   | 38.9 mg/kg               | 39.5 mg/kg  | 98.6         | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2075212)                           |                                         |                           |            |           |                          |             |              |                     |      |           |
| WT2516558-020                                           | S-12669624-20/06/25-RB-M<br>W25-11-0-2' | F1 (C6-C10)               | ----       | E581.F1   | 38.9 mg/kg               | 41.7 mg/kg  | 93.3         | 60.0                | 140  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2074017)       |                                         |                           |            |           |                          |             |              |                     |      |           |
| WT2516558-002                                           | S-12669624-18/06/25-RB-M<br>W25-14-0-2' | Acenaphthene              | 83-32-9    | E641A     | 0.378 mg/kg              | 0.403 mg/kg | 93.9         | 50.0                | 140  | ----      |
|                                                         |                                         | Acenaphthylene            | 208-96-8   | E641A     | 0.368 mg/kg              | 0.403 mg/kg | 91.2         | 50.0                | 140  | ----      |
|                                                         |                                         | Anthracene                | 120-12-7   | E641A     | 0.352 mg/kg              | 0.403 mg/kg | 87.4         | 50.0                | 140  | ----      |
|                                                         |                                         | Benz(a)anthracene         | 56-55-3    | E641A     | 0.377 mg/kg              | 0.403 mg/kg | 93.6         | 50.0                | 140  | ----      |
|                                                         |                                         | Benzo(a)pyrene            | 50-32-8    | E641A     | 0.367 mg/kg              | 0.403 mg/kg | 91.1         | 50.0                | 140  | ----      |
|                                                         |                                         | Benzo(b+j)fluoranthene    | n/a        | E641A     | 0.377 mg/kg              | 0.403 mg/kg | 93.6         | 50.0                | 140  | ----      |
|                                                         |                                         | Benzo(g,h,i)perylene      | 191-24-2   | E641A     | 0.371 mg/kg              | 0.403 mg/kg | 92.0         | 50.0                | 140  | ----      |
|                                                         |                                         | Benzo(k)fluoranthene      | 207-08-9   | E641A     | 0.389 mg/kg              | 0.403 mg/kg | 96.6         | 50.0                | 140  | ----      |
|                                                         |                                         | Chrysene                  | 218-01-9   | E641A     | 0.384 mg/kg              | 0.403 mg/kg | 95.2         | 50.0                | 140  | ----      |
|                                                         |                                         | Dibenz(a,h)anthracene     | 53-70-3    | E641A     | 0.369 mg/kg              | 0.403 mg/kg | 91.5         | 50.0                | 140  | ----      |
|                                                         |                                         | Fluoranthene              | 206-44-0   | E641A     | 0.381 mg/kg              | 0.403 mg/kg | 94.7         | 50.0                | 140  | ----      |
|                                                         |                                         | Fluorene                  | 86-73-7    | E641A     | 0.379 mg/kg              | 0.403 mg/kg | 94.1         | 50.0                | 140  | ----      |
|                                                         |                                         | Indeno(1,2,3-c,d)pyrene   | 193-39-5   | E641A     | 0.385 mg/kg              | 0.403 mg/kg | 95.5         | 50.0                | 140  | ----      |
|                                                         |                                         | Methylnaphthalene, 1-     | 90-12-0    | E641A     | 0.356 mg/kg              | 0.403 mg/kg | 88.3         | 50.0                | 140  | ----      |
|                                                         |                                         | Methylnaphthalene, 2-     | 91-57-6    | E641A     | 0.392 mg/kg              | 0.403 mg/kg | 97.2         | 50.0                | 140  | ----      |
|                                                         |                                         | Naphthalene               | 91-20-3    | E641A     | 0.366 mg/kg              | 0.403 mg/kg | 90.9         | 50.0                | 140  | ----      |
|                                                         |                                         | Phenanthrene              | 85-01-8    | E641A     | 0.350 mg/kg              | 0.403 mg/kg | 86.8         | 50.0                | 140  | ----      |
|                                                         |                                         | Pyrene                    | 129-00-0   | E641A     | 0.387 mg/kg              | 0.403 mg/kg | 96.1         | 50.0                | 140  | ----      |
| Organochlorine Pesticides (QCLot: 2075316)              |                                         |                           |            |           |                          |             |              |                     |      |           |
| WT2516381-002                                           | Anonymous                               | Aldrin                    | 309-00-2   | E660F-L   | 0.00338 mg/kg            | 0.005 mg/kg | 65.1         | 50.0                | 150  | ----      |
|                                                         |                                         | Chlordane, cis- (alpha)   | 5103-71-9  | E660F-L   | 0.00361 mg/kg            | 0.005 mg/kg | 69.7         | 50.0                | 150  | ----      |
|                                                         |                                         | Chlordane, trans- (gamma) | 5103-74-2  | E660F-L   | 0.00375 mg/kg            | 0.005 mg/kg | 72.4         | 50.0                | 150  | ----      |
|                                                         |                                         | DDD, 2,4'-                | 53-19-0    | E660F-L   | 0.00385 mg/kg            | 0.005 mg/kg | 74.2         | 50.0                | 150  | ----      |
|                                                         |                                         | DDD, 4,4'-                | 72-54-8    | E660F-L   | 0.00443 mg/kg            | 0.005 mg/kg | 85.5         | 50.0                | 150  | ----      |
|                                                         |                                         | DDE, 2,4'-                | 3424-82-6  | E660F-L   | 0.00375 mg/kg            | 0.005 mg/kg | 72.3         | 50.0                | 150  | ----      |
|                                                         |                                         | DDE, 4,4'-                | 72-55-9    | E660F-L   | 0.00387 mg/kg            | 0.005 mg/kg | 74.6         | 50.0                | 150  | ----      |
|                                                         |                                         | DDT, 2,4'-                | 789-02-6   | E660F-L   | 0.00402 mg/kg            | 0.005 mg/kg | 77.6         | 50.0                | 150  | ----      |
|                                                         |                                         | DDT, 4,4'-                | 50-29-3    | E660F-L   | 0.00458 mg/kg            | 0.005 mg/kg | 88.4         | 50.0                | 150  | ----      |
|                                                         |                                         | Dieldrin                  | 60-57-1    | E660F-L   | 0.00404 mg/kg            | 0.005 mg/kg | 77.8         | 50.0                | 150  | ----      |
|                                                         |                                         | Endosulfan, alpha-        | 959-98-8   | E660F-L   | 0.00388 mg/kg            | 0.005 mg/kg | 74.9         | 50.0                | 150  | ----      |
|                                                         |                                         | Endosulfan, beta-         | 33213-65-9 | E660F-L   | 0.00439 mg/kg            | 0.005 mg/kg | 84.7         | 50.0                | 150  | ----      |



| Sub-Matrix: Soil/Solid                                 |                  |                               |            |         | Matrix Spike (MS) Report |             |              |                     |      |           |
|--------------------------------------------------------|------------------|-------------------------------|------------|---------|--------------------------|-------------|--------------|---------------------|------|-----------|
|                                                        |                  |                               |            |         | Spike                    |             | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                   | Client sample ID | Analyte                       | CAS Number | Method  | Concentration            | Target      | MS           | Low                 | High | Qualifier |
| Organochlorine Pesticides (QCLot: 2075316) - continued |                  |                               |            |         |                          |             |              |                     |      |           |
| WT2516381-002                                          | Anonymous        | Endrin                        | 72-20-8    | E660F-L | 0.00634 mg/kg            | 0.005 mg/kg | 122          | 50.0                | 150  | ----      |
|                                                        |                  | Heptachlor                    | 76-44-8    | E660F-L | 0.00385 mg/kg            | 0.005 mg/kg | 74.2         | 50.0                | 150  | ----      |
|                                                        |                  | Heptachlor epoxide            | 1024-57-3  | E660F-L | 0.00326 mg/kg            | 0.005 mg/kg | 62.9         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachlorobenzene             | 118-74-1   | E660F-L | 0.00423 mg/kg            | 0.005 mg/kg | 81.6         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachlorobutadiene           | 87-68-3    | E660F-L | 0.00394 mg/kg            | 0.005 mg/kg | 76.0         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachlorocyclohexane, gamma- | 58-89-9    | E660F-L | 0.00368 mg/kg            | 0.005 mg/kg | 71.1         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachloroethane              | 67-72-1    | E660F-L | 0.00408 mg/kg            | 0.005 mg/kg | 78.7         | 50.0                | 150  | ----      |
|                                                        |                  | Methoxychlor                  | 72-43-5    | E660F-L | 0.00427 mg/kg            | 0.005 mg/kg | 82.4         | 50.0                | 150  | ----      |



Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

Sub-Matrix:

| Sub-Matrix:                       |                       |                                     |            |        | Reference Material (RM) Report |                    |                     |      |           |
|-----------------------------------|-----------------------|-------------------------------------|------------|--------|--------------------------------|--------------------|---------------------|------|-----------|
|                                   |                       |                                     |            |        | RM Target<br>Concentration     | Recovery (%)<br>RM | Recovery Limits (%) |      | Qualifier |
| Laboratory<br>sample ID           | Reference Material ID | Analyte                             | CAS Number | Method |                                |                    | Low                 | High |           |
| Physical Tests (QCLot: 2074025)   |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2074025-003                    | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 98.6               | 70.0                | 130  | ----      |
| Physical Tests (QCLot: 2077871)   |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2077871-001                    | RM                    | Oxidation-reduction potential [ORP] | ----       | E125   | 475 mV                         | 100                | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2077872)   |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2077872-003                    | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 94.8               | 70.0                | 130  | ----      |
| Metals (QCLot: 2074024)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2074024-003                    | RM                    | Calcium, soluble ion content        | 7440-70-2  | E484   | 169 mg/L                       | 103                | 70.0                | 130  | ----      |
| QC-2074024-003                    | RM                    | Magnesium, soluble ion content      | 7439-95-4  | E484   | 60.4 mg/L                      | 101                | 70.0                | 130  | ----      |
| QC-2074024-003                    | RM                    | Sodium, soluble ion content         | 17341-25-2 | E484   | 107 mg/L                       | 101                | 70.0                | 130  | ----      |
| Metals (QCLot: 2074026)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2074026-003                    | RM                    | Boron, hot water soluble            | 7440-42-8  | E487   | 1.82 mg/kg                     | 96.7               | 60.0                | 140  | ----      |
| Metals (QCLot: 2074027)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2074027-003                    | RM                    | Mercury                             | 7439-97-6  | E510C  | 0.068 mg/kg                    | 100                | 70.0                | 130  | ----      |
| Metals (QCLot: 2074028)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2074028-003                    | RM                    | Antimony                            | 7440-36-0  | E440C  | 24.8 mg/kg                     | 101                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Arsenic                             | 7440-38-2  | E440C  | 21.2 mg/kg                     | 99.8               | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Barium                              | 7440-39-3  | E440C  | 788 mg/kg                      | 105                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Beryllium                           | 7440-41-7  | E440C  | 1.82 mg/kg                     | 106                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Cadmium                             | 7440-43-9  | E440C  | 2.15 mg/kg                     | 103                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Chromium                            | 7440-47-3  | E440C  | 56.9 mg/kg                     | 102                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Cobalt                              | 7440-48-4  | E440C  | 32 mg/kg                       | 101                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Copper                              | 7440-50-8  | E440C  | 969 mg/kg                      | 111                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Lead                                | 7439-92-1  | E440C  | 919 mg/kg                      | 95.8               | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Molybdenum                          | 7439-98-7  | E440C  | 25.1 mg/kg                     | 103                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Nickel                              | 7440-02-0  | E440C  | 1000 mg/kg                     | 99.4               | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Selenium                            | 7782-49-2  | E440C  | 1.04 mg/kg                     | 107                | 60.0                | 140  | ----      |
| QC-2074028-003                    | RM                    | Silver                              | 7440-22-4  | E440C  | 8.98 mg/kg                     | 98.7               | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Thallium                            | 7440-28-0  | E440C  | 0.907 mg/kg                    | 92.1               | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Uranium                             | 7440-61-1  | E440C  | 3.97 mg/kg                     | 87.3               | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Vanadium                            | 7440-62-2  | E440C  | 66.2 mg/kg                     | 102                | 70.0                | 130  | ----      |
| QC-2074028-003                    | RM                    | Zinc                                | 7440-66-6  | E440C  | 828 mg/kg                      | 100                | 70.0                | 130  | ----      |
| Speciated Metals (QCLot: 2074022) |                       |                                     |            |        |                                |                    |                     |      |           |



| Sub-Matrix:                                   |                       |                               |            |          | Reference Material (RM) Report |                    |                     |      |           |
|-----------------------------------------------|-----------------------|-------------------------------|------------|----------|--------------------------------|--------------------|---------------------|------|-----------|
|                                               |                       |                               |            |          | RM Target<br>Concentration     | Recovery (%)<br>RM | Recovery Limits (%) |      | Qualifier |
|                                               |                       |                               |            |          |                                |                    | Low                 | High |           |
| Laboratory<br>sample ID                       | Reference Material ID | Analyte                       | CAS Number | Method   |                                |                    |                     |      |           |
| Speciated Metals (QCLot: 2074022) - continued |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2074022-003                                | RM                    | Chromium, hexavalent [Cr VI]  | 18540-29-9 | E532     | 172 mg/kg                      | 96.3               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2078166) |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2078166-003                                | RM                    | Chloride, soluble ion content | 16887-00-6 | E236.Cl  | 382 mg/kg                      | 91.0               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2078167) |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2078167-003                                | RM                    | Sulfate, soluble ion content  | 14808-79-8 | E236.SO4 | 647 mg/kg                      | 99.2               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083191) |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2083191-003                                | RM                    | Chloride, soluble ion content | 16887-00-6 | E236.Cl  | 382 mg/kg                      | 96.0               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083192) |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2083192-003                                | RM                    | Sulfate, soluble ion content  | 14808-79-8 | E236.SO4 | 647 mg/kg                      | 95.0               | 70.0                | 130  | ----      |





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## Chain of Custody (COC) / Analytical Request Form

COC Number: 20

Canada Toll Free: 1 800 668 9878

Page

Environmental Division  
Waterloo  
Work Order Reference  
WT2516558



Telephone : +1 519 846 6910

| Report To                                                                                                 |                                                                                                 | Reports / Recipients                                                                                                                                      |              | Turnaround Time (TAT) Requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Contact and company name below will appear on the final report                                            |                                                                                                 | Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL) |              | <input checked="" type="checkbox"/> Routine [R] if received by 3pm M-F - no surcharges apply<br><input type="checkbox"/> 1 day [P4] if received by 3pm M-F - 20% rush surcharge minimum<br><input type="checkbox"/> 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum<br><input type="checkbox"/> 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum<br><input type="checkbox"/> 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum<br><input type="checkbox"/> Same day [E2] if received by 10am M-S - 200% rush surcharge.<br>Fees may apply to rush requests on weekends, statutory holidays & routine tests |                    |
| Company:                                                                                                  | GHD Ltd. (Acct GHDL100)                                                                         | Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A                            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Contact:                                                                                                  | Jennifer Balkwill                                                                               | <input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked                                                     |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Phone:                                                                                                    | 519-884-0510                                                                                    | Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Company address below will appear on the final report                                                     |                                                                                                 | Email 1 or Fax Jennifer.Balkwill@ghd.com                                                                                                                  |              | Date and Time Required for all E&P TATs:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |
| Street:                                                                                                   | 455 Phillip St.                                                                                 | Email 2 See SSOW/PO                                                                                                                                       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| City/Province:                                                                                            | Waterloo, ON                                                                                    | Email 3                                                                                                                                                   |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Postal Code:                                                                                              | N2L 3X2                                                                                         |                                                                                                                                                           |              | For tests that can not be performed according to the TAT requested, you will be contacted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |
| Invoice To                                                                                                | Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO           | Invoice Recipients                                                                                                                                        |              | Analysis Request                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |
|                                                                                                           | Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                         |              | Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |
| Company:                                                                                                  | GHD Ltd. (GHDL100)                                                                              | Email 1 or Fax accountspayableCDN@ghd.com                                                                                                                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Contact:                                                                                                  |                                                                                                 | Email 2                                                                                                                                                   |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Project Information                                                                                       |                                                                                                 | Oil and Gas Required Fields (client use)                                                                                                                  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| ALS Account # / Quote #:                                                                                  | WT2025GHDL1000081                                                                               | AFE/Cost Center: PO#                                                                                                                                      |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| Job #:                                                                                                    | 12669624-120.120.10                                                                             | Major/Minor Code: Routing Code:                                                                                                                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| PO / AFE:                                                                                                 |                                                                                                 | Requisitioner:                                                                                                                                            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| LSD:                                                                                                      |                                                                                                 | Location:                                                                                                                                                 |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |
| ALS Lab Work Order # (lab use only): WT2516558                                                            |                                                                                                 | ALS Contact: Rick H                                                                                                                                       |              | Sampler:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |
| ALS Sample # (lab use only)                                                                               | Sample Identification and/or Coordinates (This description will appear on the report)           | Date (dd-mm-yy)                                                                                                                                           | Time (hh:mm) | Sample Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                    |
|                                                                                                           | TRIP BLANK                                                                                      | June 18, 25                                                                                                                                               | AM           | Vial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                  |
|                                                                                                           | S-12669624-18/06/25-RB-MW25-14-0-2'                                                             | June 18, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                  |
|                                                                                                           | S-12669624-18/06/25-RB-MW25-14-5'-7'                                                            | June 18, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                  |
|                                                                                                           | S-12669624-18/06/25-RB-MW25-14-7.5'-9.5'                                                        | June 18, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                  |
|                                                                                                           | S-12669624-18/06/25-RB-DUP 1                                                                    | June 18, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                  |
|                                                                                                           | S-12669624-19/06/25-RB-MW25-08-0-2'                                                             | June 19, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                  |
|                                                                                                           | S-12669624-19/06/25-RB-MW25-08-2.5'-4.5'                                                        | June 19, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                  |
|                                                                                                           | S-12669624-19/06/25-RB-MW25-08-5'-7'                                                            | June 19, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                  |
|                                                                                                           | S-12669624-19/06/25-RB-DUP 2                                                                    | June 19, 25                                                                                                                                               | AM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                  |
|                                                                                                           | S-12669624-19/06/25-RB-BH25-03-0-2'                                                             | June 19, 25                                                                                                                                               | PM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                  |
|                                                                                                           | S-12669624-19/06/25-RB-BH25-03-2.5'-4.5'                                                        | June 19, 25                                                                                                                                               | PM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5                  |
|                                                                                                           | S-12669624-19/06/25-RB-BH25-03-5'-7'                                                            | June 19, 25                                                                                                                                               | PM           | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6                  |
| Drinking Water (DW) Samples <sup>1</sup> (client use)                                                     |                                                                                                 | Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)                                                           |              | SAMPLE RECEIPT DETAILS (lab use only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                    |
| Are samples taken from a Regulated DW System?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |                                                                                                 |                                                                                                                                                           |              | Cooling Method: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> ICE <input type="checkbox"/> ICE PACKS <input type="checkbox"/> FROZEN <input type="checkbox"/> COOLING INITIATED                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |
| Are samples for human consumption/ use?<br><input type="checkbox"/> YES <input type="checkbox"/> NO       |                                                                                                 |                                                                                                                                                           |              | Submission Comments identified on Sample Receipt Notification: <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |              | Cooler Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A Sample Custody Seals Intact: <input type="checkbox"/> YES <input type="checkbox"/> N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |              | INITIAL COOLER TEMPERATURES °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |              | FINAL COOLER TEMPERATURES °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                    |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |              | 11.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                    |
| SHIPMENT RELEASE (client use)                                                                             |                                                                                                 | INITIAL SHIPMENT RECEPTION (lab use only)                                                                                                                 |              | FINAL SHIPMENT RECEPTION (lab use only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                    |
| Released by: <u>Samer B.</u>                                                                              | Date: <u>June 20, 2025</u>                                                                      | Time: <u>6:24 PM</u>                                                                                                                                      | Received by: | Date: <u>23/June/25</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Time: <u>11:30</u> |

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY

YELLOW - CLIENT COPY

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

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## Chain of Custody (COC) / Analytical Request Form

COC Number: 20 -

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| <b>Report To</b><br>Contact and company name below will appear on the final report<br>Company: GHD Ltd. (Acct GHDL100)<br>Contact: Jennifer Balkwill<br>Phone: 519-884-0510<br>Company address below will appear on the final report<br>Street: 455 Phillip St.<br>City/Province: Waterloo, ON<br>Postal Code: N2L 3X2                                                                                                                                                                                                                                                                                                                                                 |                                                                                                 | <b>Reports / Recipients</b><br>Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL)<br>Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A<br><input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked<br>Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX<br>Email 1 or Fax: Jennifer.Balkwill@ghd.com<br>Email 2: See SSOW/PO<br>Email 3: |                        | <b>Turnaround Time (TAT) Requested</b><br><input checked="" type="checkbox"/> Routine [R] If received by 3pm M-F - no surcharges apply<br><input type="checkbox"/> 4 day [P4] If received by 3pm M-F - 20% rush surcharge minimum<br><input type="checkbox"/> 3 day [P3] If received by 3pm M-F - 25% rush surcharge minimum<br><input type="checkbox"/> 2 day [P2] If received by 3pm M-F - 50% rush surcharge minimum<br><input type="checkbox"/> 1 day [E] If received by 3pm M-F - 100% rush surcharge minimum<br><input type="checkbox"/> Same day [E2] If received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests<br>Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm:ss/pm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               | <b>AFFIX ALS BARCODE LABEL HERE</b><br>(ALS use only)                        |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
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| <b>Invoice To</b><br>Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO<br>Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO<br>Company: GHD Ltd. (GHDL100)<br>Contact:                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                 | <b>Invoice Recipients</b><br>Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX<br>Email 1 or Fax: accountspayableCDN@ghd.com<br>Email 2:                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | <b>Analysis Request</b><br>Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below<br><table border="1"> <thead> <tr> <th rowspan="2">NUMBER OF CONTAINERS</th> <th rowspan="2">G. Reg. 153/04 Metals and Inorganic</th> <th rowspan="2">OC Pesticides</th> <th rowspan="2">Corrosivity</th> <th rowspan="2">MeOH Trip blank (VOC)</th> <th colspan="2">VOC / FI - F4</th> <th rowspan="2">PAHs</th> <th rowspan="2">SAMPLES ON HOLD</th> <th rowspan="2">EXTENDED STORAGE REQUIRED</th> <th rowspan="2">SUSPECTED HAZARD (see notes)</th> </tr> <tr> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>6</td><td>X</td><td>X</td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>X</td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>X</td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td>X</td><td>X</td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>X</td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>X</td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td>X</td><td>X</td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>X</td><td></td><td></td><td></td><td>X</td><td>X</td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td>X</td><td></td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> |               |                                                                              |      | NUMBER OF CONTAINERS                                                                        | G. Reg. 153/04 Metals and Inorganic | OC Pesticides | Corrosivity | MeOH Trip blank (VOC) | VOC / FI - F4   |                           | PAHs | SAMPLES ON HOLD | EXTENDED STORAGE REQUIRED | SUSPECTED HAZARD (see notes) |                              |  | 6 | X | X |  |  | X | X |  |  |  |  | 5 | X |  |  |  | X | X |  |  |  |  | 5 | X |  |  |  | X |  |  |  |  |  | 6 | X | X |  |  | X | X |  |  |  |  | 5 | X |  |  |  | X | X |  |  |  |  | 5 | X |  |  |  | X |  |  |  |  |  | 1 |  |  | X |  |  |  |  |  |  |  | 6 | X | X |  |  | X | X |  |  |  |  | 5 | X |  |  |  | X | X |  |  |  |  | 5 | X |  |  |  | X |  |  |  |
| NUMBER OF CONTAINERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | G. Reg. 153/04 Metals and Inorganic                                                             | OC Pesticides                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Corrosivity            | MeOH Trip blank (VOC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VOC / FI - F4 |                                                                              | PAHs |                                                                                             |                                     |               |             |                       | SAMPLES ON HOLD | EXTENDED STORAGE REQUIRED |      |                 |                           |                              | SUSPECTED HAZARD (see notes) |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
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| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X                                                                                               | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X             | X                                                                            |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X             | X                                                                            |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X             |                                                                              |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | X                                                                                               | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X             | X                                                                            |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
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| <b>Project Information</b><br>ALS Account # / Quote #: WT2025GHDL1000081<br>Job #: 12669624-120.120.10<br>PO / AFE:<br>LSD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                 | <b>Oil and Gas Required Fields (client use)</b><br>AFE/Cost Center: PO#<br>Major/Minor Code: Routing Code:<br>Requisitioner:<br>Location:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        | <b>ALS Lab Work Order # (lab use only):</b><br>ALS Contact: Rick H<br>Sampler:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                              |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
| <b>ALS Sample #</b><br>(lab use only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Sample Identification and/or Coordinates</b><br>(This description will appear on the report) | <b>Date</b><br>(dd-mmm-yy)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Time</b><br>(hh:mm) | <b>Sample Type</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |                                                                              |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-19/06/25-RB-BH25-05-0'-2'                                                            | June 19, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6             | X                                                                            | X    |                                                                                             |                                     | X             | X           |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-19/06/25-RB-BH25-05-2.5'-4.5'                                                        | June 19, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5             | X                                                                            |      |                                                                                             |                                     | X             | X           |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-19/06/25-RB-BH25-05-5'-7'                                                            | June 19, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5             | X                                                                            |      |                                                                                             |                                     | X             |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-07-0'-2'                                                            | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6             | X                                                                            | X    |                                                                                             |                                     | X             | X           |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-07-2.5'-4.5'                                                        | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5             | X                                                                            |      |                                                                                             |                                     | X             | X           |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-07-5'-7'                                                            | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5             | X                                                                            |      |                                                                                             |                                     | X             |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-07-7.5'-9.5'                                                        | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1             |                                                                              |      | X                                                                                           |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-11-0'-2'                                                            | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6             | X                                                                            | X    |                                                                                             |                                     | X             | X           |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-11-2.5'-4.5'                                                        | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5             | X                                                                            |      |                                                                                             |                                     | X             | X           |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | S-12669624-20/06/25-RB-MW25-11-5'-7'                                                            | June 20, 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PM                     | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5             | X                                                                            |      |                                                                                             |                                     | X             |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
| <b>SAMPLE RECEIPT DETAILS (lab use only)</b><br>Cooling Method: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> ICE <input type="checkbox"/> ICE PACKS <input type="checkbox"/> FROZEN <input type="checkbox"/> COOLING INITIATED<br>Submission Comments identified on Sample Receipt Notification: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO<br>Cooler Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A Sample Custody Seals Intact: <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A<br>INITIAL COOLER TEMPERATURES °C: 11.0 FINAL COOLER TEMPERATURES °C: |                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                                                                              |      |                                                                                             |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |
| <b>Drinking Water (DW) Samples<sup>1</sup> (client use)</b><br>Are samples taken from a Regulated DW System?<br><input type="checkbox"/> YES <input type="checkbox"/> NO<br>Are samples for human consumption/ use?<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                 | <b>Notes / Specify Limits for result evaluation by selecting from drop-down below</b><br>(Excel COC only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        | <b>SHIPMENT RELEASE (client use)</b><br>Released by: Sameer B. Date: June 20, 2025 Time: 6:24 PM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | <b>INITIAL SHIPMENT RECEPTION (lab use only)</b><br>Received by: Date: Time: |      | <b>FINAL SHIPMENT RECEPTION (lab use only)</b><br>Received by: Date: 23/June/28 Time: 11:30 |                                     |               |             |                       |                 |                           |      |                 |                           |                              |                              |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |  |  |   |  |  |   |  |  |  |  |  |  |  |   |   |   |  |  |   |   |  |  |  |  |   |   |  |  |  |   |   |  |  |  |  |   |   |  |  |  |   |  |  |  |

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

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## CERTIFICATE OF ANALYSIS

|                         |                                                    |                       |                                                           |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------|
| Work Order              | : <b>WT2516796</b>                                 | Page                  | : 1 of 37                                                 |
| Amendment               | : <b>3</b>                                         |                       |                                                           |
| Client                  | : <b>GHD Limited</b>                               | Laboratory            | : ALS Environmental - Waterloo                            |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                          |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo ON Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                         |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 25-Jun-2025 09:40                                       |
| PO                      | : 735-014194-1                                     | Date Analysis         | : 26-Jun-2025                                             |
|                         |                                                    | Commenced             |                                                           |
|                         |                                                    | Issue Date            | : 10-Jul-2025 11:08                                       |
| C-O-C number            | : ----                                             |                       |                                                           |
| Sampler                 | : ----                                             |                       |                                                           |
| Site                    | : ----                                             |                       |                                                           |
| Quote number            | : 12669624-ExC-01-ALS-June<br>2025-PO-735-014194-1 |                       |                                                           |
| No. of samples received | : 13                                               |                       |                                                           |
| No. of samples analysed | : 13                                               |                       |                                                           |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| Signatories       | Position                                   | Laboratory Department               |
|-------------------|--------------------------------------------|-------------------------------------|
| Amaninder Dhillon | Team Lead - Semi-Volatile Instrumentation  | Organics, Waterloo, Ontario         |
| Danielle Gravel   | Supervisor - Semi-Volatile Instrumentation | Organics, Waterloo, Ontario         |
| David Tremblett   | VOC Section Supervisor                     | VOC, Waterloo, Ontario              |
| Nik Perkio        | Senior Analyst                             | Inorganics, Waterloo, Ontario       |
| Nik Perkio        | Senior Analyst                             | Metals, Waterloo, Ontario           |
| Niral Patel       |                                            | Centralized Prep, Waterloo, Ontario |
| Walt Kippenhuck   | Supervisor - Inorganic                     | Inorganics, Waterloo, Ontario       |



## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

**Key :**  
 CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances  
 LOR: Limit of Reporting (detection limit).  
 Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.  
 Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

| Unit     | Description                   |
|----------|-------------------------------|
| -        | no units                      |
| %        | percent                       |
| µS/cm    | microsiemens per centimetre   |
| mg/kg    | milligrams per kilogram       |
| mg/L     | milligrams per litre          |
| mS/cm    | millisiemens per centimetre   |
| mV       | millivolts                    |
| ohm cm   | ohm centimetres (resistivity) |
| pH units | pH units                      |

>: greater than.

<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

## Workorder Comments

Amendment (10/July/2025): This report has been amended as a result of a clerical error to a sample identification number. All analysis results are as per the previous report.

Amendment (07-JULY-2025): This report has been amended to include requested guideline(s). All analysis results are as per the previous report. Table 3 ICC fine and Table 1.

## Qualifiers

| Qualifier | Description                                                                                            |
|-----------|--------------------------------------------------------------------------------------------------------|
| DLM       | Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity). |



## Analytical Results

WT2516796-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: TRIP BLANK

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Physical Tests                    |             |         |        |       |            |             |               |         |
| Moisture                          | ----        | <0.25   | 0.25   | %     | E144/WT    | -           | 26-Jun-2025   | 2076890 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2,2-     | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: TRIP BLANK

Client sampling date / time: 24-Jun-2025

| Analyte                               | CAS Number | Result | LOR  | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------|------------|--------|------|-------|------------|-------------|---------------|---------|
| Hydrocarbons                          |            |        |      |       |            |             |               |         |
| F1 (C6-C10)                           | ----       | <5.0   | 5.0  | mg/kg | E581.F1/WT | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F1-BTEX                               | ----       | <5.0   | 5    | mg/kg | EC580/WT   | -           | 30-Jun-2025   | -       |
| Hydrocarbons Surrogates               |            |        |      |       |            |             |               |         |
| Dichlorotoluene, 3,4-                 | 95-75-0    | 100    | 1.0  | %     | E581.F1/WT | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates |            |        |      |       |            |             |               |         |
| Bromofluorobenzene, 4-                | 460-00-4   | 91.8   | 0.10 | %     | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                 | 540-36-3   | 98.7   | 0.10 | %     | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-0-2

Client sampling date / time: 23-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.226  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 20.2   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 6.32   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 7.52   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 3.01   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 13.5   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 1.05   | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.17   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 6.57   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 164    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 1.23   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 11.5   | 5.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 1.03   | 0.10    | mg/kg    | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.422  | 0.020   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 33.8   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 15.8   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 28.6   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 21.3   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0534 | 0.0050  | mg/kg    | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.85   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 28.6   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | 0.61   | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | 0.17   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                       | 7440-28-0  | 0.209  | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |



## Analytical Results

WT2516796-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-0-2

Client sampling date / time: 23-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Uranium                           | 7440-61-1  | 1.93    | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                          | 7440-62-2  | 48.4    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6  | 107     | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.23    | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-           | 79-00-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                 | 79-01-6    | <0.010  | 0.010  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane            | 75-69-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                    | 75-01-4    | <0.020  | 0.020  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |





## Analytical Results

WT2516796-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-0-2

Client sampling date / time: 23-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 92.5   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 101    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 91.0   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 95.3   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2  | 85.8   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5   | 79.1   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2   | 88.1   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2   | 87.0   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |



## Analytical Results

WT2516796-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-0-2

Client sampling date / time: 23-Jun-2025

| Analyte                              | CAS Number | Result                  | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|-------------------------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |                         |         |       |            |             |               |         |
| Aldrin                               | 309-00-2   | <0.00040 <sup>DLM</sup> | 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, cis- (alpha)              | 5103-71-9  | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, total                     | 57-74-9    | <0.00042                | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, trans- (gamma)            | 5103-74-2  | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 2,4'-                           | 53-19-0    | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 4,4'-                           | 72-54-8    | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, total                           | ----       | <0.00042                | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 2,4'-                           | 3424-82-6  | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 4,4'-                           | 72-55-9    | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, total                           | ----       | <0.00042                | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 2,4'-                           | 789-02-6   | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 4,4'-                           | 50-29-3    | <0.00060 <sup>DLM</sup> | 0.00060 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, total                           | ----       | <0.00067                | 0.00067 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Dieldrin                             | 60-57-1    | <0.00020                | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, alpha-                   | 959-98-8   | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, beta-                    | 33213-65-9 | <0.00030                | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, total                    | ----       | <0.00042                | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endrin                               | 72-20-8    | <0.00050                | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor                           | 76-44-8    | <0.00020                | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00040 <sup>DLM</sup> | 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050                | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050                | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020                | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachloroethane                     | 67-72-1    | <0.00050                | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Methoxychlor                         | 72-43-5    | <0.00050                | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Organochlorine Pesticides Surrogates |            |                         |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 102                     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Tetrachloro-m-xylene                 | 877-09-8   | 91.1                    | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-2.5-4.5

Client sampling date / time: 23-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.172  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 13.4   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.59   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.94   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |





## Analytical Results

WT2516796-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-2.5-4.5

Client sampling date / time: 23-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Magnesium, soluble ion content | 7439-95-4  | 1.43    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 4.64    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 0.47    | 0.10   | -     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 5.73    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 104     | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.90    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 15.7    | 5.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.17    | 0.10   | mg/kg | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.093   | 0.020  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 26.2    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 13.7    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 31.7    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 11.8    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0160  | 0.0050 | mg/kg | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.46    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 30.0    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                       | 7440-28-0  | 0.138   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                        | 7440-61-1  | 1.23    | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                       | 7440-62-2  | 35.9    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                           | 7440-66-6  | 67.0    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-           | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-         | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-     | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-2.5-4.5

Client sampling date / time: 23-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 89.5   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 108    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 102    | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 103    | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |



## Analytical Results

WT2516796-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-2.5-4.5

Client sampling date / time: 23-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 89.4   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5  | 79.6   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2  | 86.3   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2  | 88.8   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-5-7

Client sampling date / time: 23-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.162  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 7.61   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.86   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.13   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 1.44   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 5.45   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 0.64   | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.32   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 4.60   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 179    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |



## Analytical Results

WT2516796-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-5-7

Client sampling date / time: 23-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Beryllium                         | 7440-41-7  | 0.83    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                             | 7440-42-8  | 27.8    | 5.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble          | 7440-42-8  | 0.63    | 0.10   | mg/kg | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                           | 7440-43-9  | 0.098   | 0.020  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                          | 7440-47-3  | 22.6    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                            | 7440-48-4  | 13.5    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                            | 7440-50-8  | 19.0    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                              | 7439-92-1  | 14.0    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                           | 7439-97-6  | <0.0050 | 0.0050 | mg/kg | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                        | 7439-98-7  | 1.30    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                            | 7440-02-0  | 28.4    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                          | 7440-28-0  | 0.105   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                           | 7440-61-1  | 0.842   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                          | 7440-62-2  | 30.0    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6  | 63.0    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |





## Analytical Results

WT2516796-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-23/06/25-RB-MW25-18-5-7

Client sampling date / time: 23-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.7   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 107    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 94.1   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 100    | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 3

Client sampling date / time: 24-Jun-2025

| Analyte                     | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests              |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate) | ----       | 0.145  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                    | ----       | 10.0   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)      | ----       | 7.40   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |



## Analytical Results

WT2516796-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 3

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Cyanides</b>                   |            |         |        |       |            |             |               |         |
| Cyanide, weak acid dissociable    | ----       | <0.050  | 0.050  | mg/kg | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| <b>Fixed-Ratio Extractables</b>   |            |         |        |       |            |             |               |         |
| Calcium, soluble ion content      | 7440-70-2  | 6.49    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content    | 7439-95-4  | 0.86    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content       | 17341-25-2 | 0.74    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]     | ----       | <0.10   | 0.10   | -     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Antimony                          | 7440-36-0  | 0.20    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                           | 7440-38-2  | 5.65    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                            | 7440-39-3  | 96.5    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                         | 7440-41-7  | 0.84    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                             | 7440-42-8  | 14.1    | 5.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble          | 7440-42-8  | 0.18    | 0.10   | mg/kg | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                           | 7440-43-9  | 0.206   | 0.020  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                          | 7440-47-3  | 26.7    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                            | 7440-48-4  | 12.6    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                            | 7440-50-8  | 31.8    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                              | 7439-92-1  | 13.8    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                           | 7439-97-6  | 0.0305  | 0.0050 | mg/kg | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                        | 7439-98-7  | 0.43    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                            | 7440-02-0  | 27.9    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                            | 7440-22-4  | 0.11    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                          | 7440-28-0  | 0.174   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                           | 7440-61-1  | 0.586   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                          | 7440-62-2  | 38.0    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6  | 71.0    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.28    | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 3

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 95.6   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 103    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 108    | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 101    | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |





## Analytical Results

WT2516796-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 3

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR          | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|--------------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |              |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05         | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |              |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 86.2     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5  | 78.7     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2  | 87.8     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2  | 86.5     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Organochlorine Pesticides                   |            |          |              |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00040 | DLM, 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, total                                  | ----       | <0.00067 | 0.00067      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00040 | DLM, 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |



## Analytical Results

WT2516796-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 3

Client sampling date / time: 24-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Methoxychlor                         | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 103      | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Tetrachloro-m-xylene                 | 877-09-8   | 96.5     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 4

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.277  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 10.8   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.62   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 15.0   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 2.70   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 11.8   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 0.74   | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.20   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 5.61   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 145    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.95   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 12.2   | 5.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.22   | 0.10    | mg/kg    | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.174  | 0.020   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 31.2   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 12.7   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 26.7   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 16.3   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0303 | 0.0050  | mg/kg    | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.56   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 28.0   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | 0.28   | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |



## Analytical Results

WT2516796-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 4

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Thallium                          | 7440-28-0  | 0.187   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                           | 7440-61-1  | 0.652   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                          | 7440-62-2  | 46.1    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6  | 72.8    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.25    | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-           | 79-00-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                 | 79-01-6    | <0.010  | 0.010  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane            | 75-69-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 4

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 100    | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 104    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 84.5   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 96.3   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2  | 88.2   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5   | 81.7   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2   | 88.6   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |





## Analytical Results

WT2516796-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-DUP 4

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number | Result       | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons Surrogates |            |              |         |       |            |             |               |         |
| Phenanthrene-d10                            | 1517-22-2  | 87.4         | 0.1     | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Organochlorine Pesticides                   |            |              |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00040 DLM | 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, total                            | 57-74-9    | <0.00042     | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, total                                  | ----       | <0.00042     | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, total                                  | ----       | <0.00042     | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 DLM | 0.00060 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, total                                  | ----       | <0.00067     | 0.00067 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Dieldrin                                    | 60-57-1    | <0.00020     | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030     | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, total                           | ----       | <0.00042     | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endrin                                      | 72-20-8    | <0.00050     | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor                                  | 76-44-8    | <0.00020     | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00040 DLM | 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050     | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050     | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020     | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachloroethane                            | 67-72-1    | <0.00050     | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Methoxychlor                                | 72-43-5    | <0.00050     | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Organochlorine Pesticides Surrogates        |            |              |         |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 106          | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Tetrachloro-m-xylene                        | 877-09-8   | 91.4         | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.216  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 22.6   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.17   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |



## Analytical Results

WT2516796-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 11.9    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 1.81    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 4.88    | 0.50   | mg/L  | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 0.35    | 0.10   | -     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.19    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 4.92    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 101     | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.75    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 7.4     | 5.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.25    | 0.10   | mg/kg | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.222   | 0.020  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 26.3    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 10.4    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 19.8    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 19.1    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0374  | 0.0050 | mg/kg | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.66    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 19.8    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | 0.39    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                       | 7440-28-0  | 0.161   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                        | 7440-61-1  | 0.678   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                       | 7440-62-2  | 40.5    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                           | 7440-66-6  | 72.0    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.16    | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-           | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-         | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 94.3   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 103    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 96.8   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 99.4   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |





## Analytical Results

WT2516796-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR          | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|--------------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |              |       |            |             |               |         |
| Anthracene                                  | 120-12-7   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05         | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |              |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 85.0     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5  | 78.6     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2  | 87.3     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2  | 87.5     | 0.1          | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Organochlorine Pesticides                   |            |          |              |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00040 | DLM, 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, total                                  | ----       | <0.00067 | 0.00067      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00040 | DLM, 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |



## Analytical Results

WT2516796-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Methoxychlor                         | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 95.9     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Tetrachloro-m-xylene                 | 877-09-8   | 96.4     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.286  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 10.7   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.66   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 10.6   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 4.87   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 15.3   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 0.98   | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 4.88   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 114    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.68   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 13.9   | 5.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.16   | 0.10    | mg/kg    | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.138  | 0.020   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 23.4   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 11.6   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 24.8   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 12.1   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0173 | 0.0050  | mg/kg    | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.52   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 24.5   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | <0.20  | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                       | 7440-28-0  | 0.144  | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                        | 7440-61-1  | 0.828  | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |



## Analytical Results

WT2516796-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |             |         |        |       |            |             |               |         |
| Vanadium                          | 7440-62-2   | 33.2    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6   | 59.0    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |             |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9  | <0.10   | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |            |        |       |       |              |             |               |         |
| Xylene, o-                                  | 95-47-6    | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7  | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----       | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |            |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----       | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----       | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----       | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a        | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----       | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |            |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 98.1   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 99.0   | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |            |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 95.7   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 94.0   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 86.2   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5  | 82.1   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2  | 89.4   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2  | 90.6   | 0.1   | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.





## Analytical Results

WT2516796-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-5-7

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLOT   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.245   | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 9.09    | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.88    | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.23    | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 5.30    | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 13.2    | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 1.05    | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.20    | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 6.46    | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 59.6    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.88    | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 17.0    | 5.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.48    | 0.10    | mg/kg    | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.103   | 0.020   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 26.2    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 15.8    | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 38.7    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 12.6    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0163  | 0.0050  | mg/kg    | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.50    | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 32.9    | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                       | 7440-28-0  | 0.146   | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                        | 7440-61-1  | 0.980   | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                       | 7440-62-2  | 35.3    | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                           | 7440-66-6  | 73.8    | 2.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10    | mg/kg    | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-5-7

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 95.9   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 106    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 87.1   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |



## Analytical Results

WT2516796-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-5-7

Client sampling date / time: 24-Jun-2025

| Analyte                               | CAS Number | Result | LOR  | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------|------------|--------|------|------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates |            |        |      |      |            |             |               |         |
| Difluorobenzene, 1,4-                 | 540-36-3   | 98.2   | 0.10 | %    | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.228  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 13.0   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.32   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 17.9   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 1.63   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 1.34   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10  | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.19   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 5.16   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 83.5   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.65   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 6.6    | 5.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.27   | 0.10    | mg/kg    | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.330  | 0.020   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 24.9   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                         | 7440-48-4  | 12.0   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                         | 7440-50-8  | 24.8   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                           | 7439-92-1  | 17.3   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                        | 7439-97-6  | 0.0402 | 0.0050  | mg/kg    | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                     | 7439-98-7  | 0.48   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                         | 7440-02-0  | 23.0   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                       | 7782-49-2  | 0.28   | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                         | 7440-22-4  | 0.14   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                       | 7440-28-0  | 0.140  | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                        | 7440-61-1  | 0.557  | 0.050   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                       | 7440-62-2  | 36.2   | 0.20    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                           | 7440-66-6  | 77.1   | 2.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Speciated Metals               |            |        |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10  | 0.10    | mg/kg    | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| Volatile Organic Compounds     |            |        |         |          |            |             |               |         |





## Analytical Results

WT2516796-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                      |             |         |        |       |            |             |               |         |
| F1 (C6-C10)                       | ----        | <5.0    | 5.0    | mg/kg | E581.F1/WT | 26-Jun-2025 | 26-Jun-2025   | 2076924 |



## Analytical Results

WT2516796-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number | Result                  | LOR     | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|------------|-------------------------|---------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |                         |         |       |              |             |               |         |
| F2 (C10-C16)                                | ----       | <10                     | 10      | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----       | <25                     | 25      | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----       | <50                     | 50      | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a        | <50                     | 50      | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----       | <50                     | 50      | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----       | <5.0                    | 5       | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80                     | 80      | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES                     | -       | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |            |                         |         |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 92.2                    | 1.0     | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 100                     | 1.0     | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |            |                         |         |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 92.3                    | 0.10    | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 97.6                    | 0.10    | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |            |                         |         |       |              |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3    | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene                                    | 218-01-9   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7    | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030                  | 0.030   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050                  | 0.05    | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030                  | 0.030   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3    | <0.010                  | 0.010   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8    | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0   | <0.050                  | 0.050   | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |                         |         |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 85.8                    | 0.1     | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5  | 80.5                    | 0.1     | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2  | 88.6                    | 0.1     | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2  | 89.0                    | 0.1     | %     | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Organochlorine Pesticides                   |            |                         |         |       |              |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00040 <sup>DLM</sup> | 0.00040 | mg/kg | E660F-L/WT   | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030                | 0.00030 | mg/kg | E660F-L/WT   | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, total                            | 57-74-9    | <0.00042                | 0.00042 | mg/kg | E660F-L/WT   | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030                | 0.00030 | mg/kg | E660F-L/WT   | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030                | 0.00030 | mg/kg | E660F-L/WT   | 26-Jun-2025 | 30-Jun-2025   | 2077970 |



## Analytical Results

WT2516796-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-0-2

Client sampling date / time: 24-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QC/Lot  |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| DDD, 4,4'-                           | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDD, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 2,4'-                           | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, 4,4'-                           | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDE, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 2,4'-                           | 789-02-6   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, 4,4'-                           | 50-29-3    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| DDT, total                           | ----       | <0.00067 | 0.00067 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Dieldrin                             | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, alpha-                   | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, beta-                    | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endosulfan, total                    | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Endrin                               | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor                           | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00040 | 0.00040 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Methoxychlor                         | 72-43-5    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 108      | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |
| Tetrachloro-m-xylene                 | 877-09-8   | 85.4     | 0.1     | %     | E660F-L/WT | 26-Jun-2025 | 30-Jun-2025   | 2077970 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QC/Lot  |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.116  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 11.9   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.66   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.11   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 0.75   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 0.67   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | <0.10  | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.19   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |



## Analytical Results

WT2516796-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Arsenic                           | 7440-38-2  | 6.22    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                            | 7440-39-3  | 93.9    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                         | 7440-41-7  | 0.84    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                             | 7440-42-8  | 14.9    | 5.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble          | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                           | 7440-43-9  | 0.108   | 0.020  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                          | 7440-47-3  | 25.2    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Cobalt                            | 7440-48-4  | 14.0    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                            | 7440-50-8  | 32.3    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                              | 7439-92-1  | 12.5    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                           | 7439-97-6  | 0.0159  | 0.0050 | mg/kg | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                        | 7439-98-7  | 0.52    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                            | 7440-02-0  | 30.5    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                          | 7440-28-0  | 0.144   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                           | 7440-61-1  | 0.756   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                          | 7440-62-2  | 34.3    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6  | 70.2    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |





## Analytical Results

WT2516796-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 30-Jun-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 95.5   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 102    | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 81.2   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 99.3   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 27-Jun-2025 | 30-Jun-2025   | 2076686 |



## Analytical Results

WT2516796-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 82.2   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Chrysene-d12                                | 1719-03-5  | 81.2   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Naphthalene-d8                              | 1146-65-2  | 87.4   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |
| Phenanthrene-d10                            | 1517-22-2  | 86.8   | 0.1   | %     | E641A/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076686 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-5-7

Client sampling date / time: 24-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.125  | 0.00500 | mS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2076682 |
| Moisture                       | ----       | 11.1   | 0.25    | %        | E144/WT    | -           | 26-Jun-2025   | 2076689 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.75   | 0.10    | pH units | E108A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076680 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 26-Jun-2025 | 27-Jun-2025   | 2076678 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.04   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Magnesium, soluble ion content | 7439-95-4  | 0.63   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium, soluble ion content    | 17341-25-2 | 0.87   | 0.50    | mg/L     | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Sodium adsorption ratio [SAR]  | ----       | 0.11   | 0.10    | -        | E484/WT    | 30-Jun-2025 | 30-Jun-2025   | 2076681 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.19   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Arsenic                        | 7440-38-2  | 6.21   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Barium                         | 7440-39-3  | 86.6   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Beryllium                      | 7440-41-7  | 0.76   | 0.10    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron                          | 7440-42-8  | 14.9   | 5.0     | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Boron, hot water soluble       | 7440-42-8  | 0.11   | 0.10    | mg/kg    | E487/WT    | 27-Jun-2025 | 27-Jun-2025   | 2076683 |
| Cadmium                        | 7440-43-9  | 0.127  | 0.020   | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Chromium                       | 7440-47-3  | 22.7   | 0.50    | mg/kg    | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |



## Analytical Results

WT2516796-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-5-7

Client sampling date / time: 24-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Cobalt                            | 7440-48-4  | 12.4    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Copper                            | 7440-50-8  | 31.1    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Lead                              | 7439-92-1  | 11.4    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Mercury                           | 7439-97-6  | 0.0176  | 0.0050 | mg/kg | E510C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076684 |
| Molybdenum                        | 7439-98-7  | 0.42    | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Nickel                            | 7440-02-0  | 27.2    | 0.50   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Thallium                          | 7440-28-0  | 0.141   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Uranium                           | 7440-61-1  | 0.666   | 0.050  | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Vanadium                          | 7440-62-2  | 32.3    | 0.20   | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| Zinc                              | 7440-66-6  | 61.6    | 2.0    | mg/kg | E440C/WT   | 27-Jun-2025 | 30-Jun-2025   | 2076685 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.10    | 0.10   | mg/kg | E532/WT    | 26-Jun-2025 | 02-Jul-2025   | 2076679 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076923 |





## Analytical Results

WT2516796-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-15-5-7

Client sampling date / time: 24-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 30-Jun-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 30-Jun-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.8   | 1.0   | %     | E601.SG-L/WT | 27-Jun-2025 | 01-Jul-2025   | 2076687 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 99.3   | 1.0   | %     | E581.F1/WT   | 26-Jun-2025 | 26-Jun-2025   | 2076924 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 94.2   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 99.0   | 0.10  | %     | E611D/WT     | 26-Jun-2025 | 26-Jun-2025   | 2076923 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2516796-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                             | CAS Number | Result | LOR  | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------------|------------|--------|------|----------|------------|-------------|---------------|---------|
| Physical Tests                      |            |        |      |          |            |             |               |         |
| Conductivity (1:2 leachate)         | ----       | 282    | 5.00 | µS/cm    | E100-L/WT  | 30-Jun-2025 | 30-Jun-2025   | 2078204 |
| Moisture                            | ----       | 11.5   | 0.25 | %        | E144/WT    | -           | 26-Jun-2025   | 2076890 |
| Oxidation-reduction potential [ORP] | ----       | 310    | 0.10 | mV       | E125/WT    | 28-Jun-2025 | 02-Jul-2025   | 2078260 |
| pH (1:2 soil:CaCl2-aq)              | ----       | 7.82   | 0.10 | pH units | E108A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082160 |
| Resistivity                         | ----       | 3550   | 100  | ohm cm   | EC100R/WT  | -           | 30-Jun-2025   | -       |
| Inorganics                          |            |        |      |          |            |             |               |         |
| Sulfides, acid volatile             | ----       | 1.27   | 0.22 | mg/kg    | E396-L/WT  | 04-Jul-2025 | 04-Jul-2025   | 2089556 |
| Leachable Anions & Nutrients        |            |        |      |          |            |             |               |         |



Analytical Results

WT2516796-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5-4.5

Client sampling date / time: 24-Jun-2025

| Analyte                       | CAS Number | Result | LOR | Unit  | Method/Lab  | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|--------|-----|-------|-------------|-------------|---------------|---------|
| Leachable Anions & Nutrients  |            |        |     |       |             |             |               |         |
| Chloride, soluble ion content | 16887-00-6 | 6.9    | 5.0 | mg/kg | E236.CI/WT  | 30-Jun-2025 | 02-Jul-2025   | 2083191 |
| Sulfate, soluble ion content  | 14808-79-8 | 160    | 20  | mg/kg | E236.SO4/WT | 30-Jun-2025 | 02-Jul-2025   | 2083192 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## QUALITY CONTROL INTERPRETIVE REPORT

|                         |                                                    |                       |                                                                 |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------------|
| Work Order              | : WT2516796                                        | Page                  | : 1 of 28                                                       |
| Amendment               | : 3                                                |                       |                                                                 |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 25-Jun-2025 09:40                                             |
| PO                      | : 735-014194-1                                     | Issue Date            | : 10-Jul-2025 11:09                                             |
| C-O-C number            | : ----                                             |                       |                                                                 |
| Sampler                 | : ----                                             |                       |                                                                 |
| Site                    | : ----                                             |                       |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                       |                                                                 |
| No. of samples received | : 13                                               |                       |                                                                 |
| No. of samples analysed | : 13                                               |                       |                                                                 |

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

### Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO: Data Quality Objective.

LOR: Limit of Reporting (detection limit).

RPD: Relative Percent Difference.

### Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

### Summary of Outliers

#### Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- Matrix Spike outliers occur - please see following pages for full details.
- No Test sample Surrogate recovery outliers exist.

#### Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- No Analysis Holding Time Outliers exist.

### ***Outliers : Frequency of Quality Control Samples***

- No Quality Control Sample Frequency Outliers occur.



### Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: Soil/Solid

| Analyte Group                       | Laboratory sample ID | Client/Ref Sample ID                   | Analyte            | CAS Number | Method  | Result              | Limits    | Comment                                         |
|-------------------------------------|----------------------|----------------------------------------|--------------------|------------|---------|---------------------|-----------|-------------------------------------------------|
| <b>Matrix Spike (MS) Recoveries</b> |                      |                                        |                    |            |         |                     |           |                                                 |
| Organochlorine Pesticides           | WT2516796-002        | S-12669624-23/06/2<br>5-RB-MW25-18-0-2 | Aldrin             | 309-00-2   | E660F-L | 48.1 % <sup>K</sup> | 50.0-150% | Recovery less than lower data quality objective |
| Organochlorine Pesticides           | WT2516796-002        | S-12669624-23/06/2<br>5-RB-MW25-18-0-2 | DDT, 4,4'-         | 50-29-3    | E660F-L | 45.6 % <sup>K</sup> | 50.0-150% | Recovery less than lower data quality objective |
| Organochlorine Pesticides           | WT2516796-002        | S-12669624-23/06/2<br>5-RB-MW25-18-0-2 | Heptachlor epoxide | 1024-57-3  | E660F-L | 46.1 % <sup>K</sup> | 50.0-150% | Recovery less than lower data quality objective |

### Result Qualifiers

| Qualifier | Description                                                         |
|-----------|---------------------------------------------------------------------|
| K         | Matrix Spike recovery outside ALS DQO due to sample matrix effects. |



## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E336A  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                   | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                     |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E336A   | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E336A   | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E336A   | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E336A   | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 27-Jun-2025   | 14 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2            | E581.F1 | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5        | E581.F1 | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7            | E581.F1 | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2            | E581.F1 | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5        | E581.F1 | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7            | E581.F1   | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3                  | E581.F1   | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4                  | E581.F1   | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                                    | E581.F1   | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2            | E581.F1   | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5        | E581.F1   | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7            | E581.F1   | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E601.SG-L | 24-Jun-2025   | 27-Jun-2025              | 14 days       | 3 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E601.SG-L | 23-Jun-2025   | 27-Jun-2025              | 14 days       | 4 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E601.SG-L | 23-Jun-2025   | 27-Jun-2025              | 14 days       | 4 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E601.SG-L | 23-Jun-2025   | 27-Jun-2025              | 14 days       | 4 days | ✓    | 01-Jul-2025   | 40 days       | 4 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                   | Method   | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|----------|---------------|--------------------------|---------------|---------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                     |          |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |          |               |                          | Rec           | Actual  |      |               | Rec           | Actual |      |
| Inorganics : Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)              |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E396-L   | 24-Jun-2025   | 04-Jul-2025              | 14 days       | 11 days | ✓    | 04-Jul-2025   | 7 days        | 0 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Chloride by IC                     |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E236.Cl  | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 7 days  | ✓    | 02-Jul-2025   | 28 days       | 2 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Sulfate by IC                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E236.SO4 | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 7 days  | ✓    | 02-Jul-2025   | 28 days       | 2 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E487     | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days  | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E487     | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days  | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E487     | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days  | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E487     | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days  | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E487     | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days  | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |          |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E487     | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days  | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E487   | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E487   | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E487   | 23-Jun-2025   | 27-Jun-2025              | 180 days      | 5 days | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E487   | 23-Jun-2025   | 27-Jun-2025              | 180 days      | 5 days | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E487   | 23-Jun-2025   | 27-Jun-2025              | 180 days      | 5 days | ✓    | 27-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                   | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E510C  | 24-Jun-2025   | 27-Jun-2025              | 28 days       | 4 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E510C  | 23-Jun-2025   | 27-Jun-2025              | 28 days       | 5 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E510C  | 23-Jun-2025   | 27-Jun-2025              | 28 days       | 5 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E510C  | 23-Jun-2025   | 27-Jun-2025              | 28 days       | 5 days | ✓    | 30-Jun-2025   | 28 days       | 3 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E440C  | 24-Jun-2025   | 27-Jun-2025              | 180 days      | 4 days | ✓    | 30-Jun-2025   | 180 days      | 4 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E440C  | 23-Jun-2025   | 27-Jun-2025              | 180 days      | 5 days | ✓    | 30-Jun-2025   | 180 days      | 5 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E440C  | 23-Jun-2025   | 27-Jun-2025              | 180 days      | 5 days | ✓    | 30-Jun-2025   | 180 days      | 5 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E440C  | 23-Jun-2025   | 27-Jun-2025              | 180 days      | 5 days | ✓    | 30-Jun-2025   | 180 days      | 5 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E484   | 24-Jun-2025   | 30-Jun-2025              | 180 days      | 6 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E484   | 23-Jun-2025   | 30-Jun-2025              | 180 days      | 7 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                   | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                     |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E484    | 23-Jun-2025   | 30-Jun-2025              | 180 days      | 7 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E484    | 23-Jun-2025   | 30-Jun-2025              | 180 days      | 7 days | ✓    | 30-Jun-2025   | 180 days      | 0 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                            |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E660F-L | 24-Jun-2025   | 26-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                            |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E660F-L | 24-Jun-2025   | 26-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                            |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E660F-L | 24-Jun-2025   | 26-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                            |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E660F-L | 24-Jun-2025   | 26-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                            |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E660F-L | 23-Jun-2025   | 26-Jun-2025              | 60 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 4 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E100-L  | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E100-L  | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                                                           | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                                                                |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                                                                |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7                                                | E100-L | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2                                                | E100-L | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5,<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E100-L | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7                                                | E100-L | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3                                                      | E100-L | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4                                                      | E100-L | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 30-Jun-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2                                                | E100-L | 23-Jun-2025   | 30-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5                                            | E100-L | 23-Jun-2025   | 30-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)                                                  |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7                                                | E100-L | 23-Jun-2025   | 30-Jun-2025              | 30 days       | 7 days | ✓    | 30-Jun-2025   | 30 days       | 7 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                                                           | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|--------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                                                                |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                                                                |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2                                                | E144   | 23-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5                                            | E144   | 23-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7                                                | E144   | 23-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2                                                | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5                                            | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7                                                | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2                                                | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5,<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                                                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7                                                | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                                    | E144   | 24-Jun-2025   | ----                     | ----          | ----   |      | 26-Jun-2025   | ----          | ----   |      |
| Physical Tests : ORP by Electrode                                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E125   | 24-Jun-2025   | 28-Jun-2025              | 180 days      | 4 days | ✓    | 02-Jul-2025   | 180 days      | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |

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 Work Order : WT2516796 Amendment 3  
 Client : GHD Limited  
 Project : 12669624-120.120.10



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E108A  | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 27-Jun-2025   | 30 days       | 3 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E108A  | 23-Jun-2025   | 26-Jun-2025              | 30 days       | 4 days | ✓    | 27-Jun-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E108A  | 23-Jun-2025   | 26-Jun-2025              | 30 days       | 4 days | ✓    | 27-Jun-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E108A  | 23-Jun-2025   | 26-Jun-2025              | 30 days       | 4 days | ✓    | 27-Jun-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E108A  | 24-Jun-2025   | 30-Jun-2025              | 30 days       | 6 days | ✓    | 02-Jul-2025   | 30 days       | 6 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E641A  | 24-Jun-2025   | 27-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E641A  | 24-Jun-2025   | 27-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E641A  | 24-Jun-2025   | 27-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E641A  | 24-Jun-2025   | 27-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E641A  | 24-Jun-2025   | 27-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E641A  | 24-Jun-2025   | 27-Jun-2025              | 60 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E641A  | 23-Jun-2025   | 27-Jun-2025              | 60 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E641A  | 23-Jun-2025   | 27-Jun-2025              | 60 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 3 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2     | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E532   | 24-Jun-2025   | 26-Jun-2025              | 30 days       | 3 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E532   | 23-Jun-2025   | 26-Jun-2025              | 30 days       | 4 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E532   | 23-Jun-2025   | 26-Jun-2025              | 30 days       | 4 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E532   | 23-Jun-2025   | 26-Jun-2025              | 30 days       | 4 days | ✓    | 02-Jul-2025   | 7 days        | 6 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS          |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-0-2            | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |



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Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-2.5-4.5 | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-15-5-7     | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-0-2     | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-BH25-17-5-7     | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-DUP 3           | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-24/06/25-RB-DUP 4           | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                             | E611D  | 24-Jun-2025   | 26-Jun-2025              | 14 days       | 3 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-0-2     | E611D  | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |

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Matrix: **Soil/Solid**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-2.5-4.5 | E611D  | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-23/06/25-RB-MW25-18-5-7     | E611D  | 23-Jun-2025   | 26-Jun-2025              | 14 days       | 4 days | ✓    | 26-Jun-2025   | 40 days       | 0 days | ✓    |

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).



## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                  |           |          | Count |         | Frequency (%) |          |            |
|--------------------------------------------------------------|-----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                           | Method    | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| <b>Laboratory Duplicates (DUP)</b>                           |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2076682  | 2     | 34      | 5.8           | 5.0      | ✔          |
| pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received  | E108A     | 2076680  | 2     | 38      | 5.2           | 5.0      | ✔          |
| ORP by Electrode                                             | E125      | 2078260  | 1     | 9       | 11.1          | 5.0      | ✔          |
| Moisture Content by Gravimetry                               | E144      | 2076689  | 2     | 37      | 5.4           | 5.0      | ✔          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2083191  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2083192  | 1     | 2       | 50.0          | 5.0      | ✔          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2076678  | 1     | 17      | 5.8           | 5.0      | ✔          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2089556  | 1     | 10      | 10.0          | 4.7      | ✔          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2076685  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2076681  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2076683  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2076684  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2076679  | 1     | 20      | 5.0           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2076924  | 1     | 18      | 5.5           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2076687  | 1     | 18      | 5.5           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2076923  | 1     | 20      | 5.0           | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2076686  | 1     | 15      | 6.6           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2077970  | 1     | 5       | 20.0          | 5.0      | ✔          |
| <b>Laboratory Control Samples (LCS)</b>                      |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2076682  | 4     | 34      | 11.7          | 10.0     | ✔          |
| pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received  | E108A     | 2076680  | 2     | 38      | 5.2           | 5.0      | ✔          |
| ORP by Electrode                                             | E125      | 2078260  | 1     | 9       | 11.1          | 5.0      | ✔          |
| Moisture Content by Gravimetry                               | E144      | 2076689  | 2     | 37      | 5.4           | 5.0      | ✔          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2083191  | 2     | 3       | 66.6          | 10.0     | ✔          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2083192  | 2     | 2       | 100.0         | 10.0     | ✔          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2076678  | 1     | 17      | 5.8           | 5.0      | ✔          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2089556  | 1     | 10      | 10.0          | 4.7      | ✔          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2076685  | 2     | 20      | 10.0          | 10.0     | ✔          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2076681  | 2     | 20      | 10.0          | 10.0     | ✔          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2076683  | 2     | 20      | 10.0          | 10.0     | ✔          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2076684  | 2     | 20      | 10.0          | 10.0     | ✔          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2076679  | 2     | 20      | 10.0          | 10.0     | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2076924  | 1     | 18      | 5.5           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2076687  | 1     | 18      | 5.5           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2076923  | 1     | 20      | 5.0           | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2076686  | 1     | 15      | 6.6           | 5.0      | ✔          |



Matrix: Soil/Solid

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                  |           |          | Count |         | Frequency (%) |          |            |
|--------------------------------------------------------------|-----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                           | Method    | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Control Samples (LCS) - Continued                 |           |          |       |         |               |          |            |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2077970  | 1     | 5       | 20.0          | 5.0      | ✔          |
| Method Blanks (MB)                                           |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2076682  | 2     | 34      | 5.8           | 5.0      | ✔          |
| Moisture Content by Gravimetry                               | E144      | 2076689  | 2     | 37      | 5.4           | 5.0      | ✔          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2083191  | 1     | 3       | 33.3          | 5.0      | ✔          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2083192  | 1     | 2       | 50.0          | 5.0      | ✔          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2076678  | 1     | 17      | 5.8           | 5.0      | ✔          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2089556  | 1     | 10      | 10.0          | 4.7      | ✔          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2076685  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2076681  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2076683  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2076684  | 1     | 20      | 5.0           | 5.0      | ✔          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2076679  | 1     | 20      | 5.0           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2076924  | 1     | 18      | 5.5           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2076687  | 1     | 18      | 5.5           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2076923  | 1     | 20      | 5.0           | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2076686  | 1     | 15      | 6.6           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2077970  | 1     | 5       | 20.0          | 5.0      | ✔          |
| Matrix Spikes (MS)                                           |           |          |       |         |               |          |            |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2076678  | 1     | 17      | 5.8           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2076924  | 1     | 18      | 5.5           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2076687  | 1     | 18      | 5.5           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2076923  | 1     | 20      | 5.0           | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2076686  | 1     | 15      | 6.6           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2077970  | 1     | 5       | 20.0          | 5.0      | ✔          |



## Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                                                         | Method / Lab                                                | Matrix     | Method Reference                        | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------|-------------------------------------------------------------|------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductivity in Soil (1:2 Soil:Water Extraction)<br>(Low Level)            | E100-L<br><br>ALS Environmental -<br>Waterloo               | Soil/Solid | CSSS Ch. 15<br>(mod)/APHA 2510<br>(mod) | Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Conductance is measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                    |
| pH by Meter (1:2 Soil:0.01M CaCl <sub>2</sub> Extraction)<br>- As Received | E108A<br><br>ALS Environmental -<br>Waterloo                | Soil/Solid | MECP E3530                              | pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally 20 ± 5°C) and is carried out in accordance with procedures described in the Analytical Protocol (prescriptive method). A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling, or decanting and then analyzed using a pH meter and electrode.<br><br>This method is equivalent to ASTM D4972 and is acceptable for topsoil analysis. |
| ORP by Electrode                                                           | E125<br><br>ALS Environmental -<br>Waterloo                 | Soil/Solid | APHA 2580 (mod)                         | Oxidation Reduction Potential (ORP) is reported as the oxidation-reduction potential of the platinum metal-reference electrode employed in the analysis, measured in mV.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Moisture Content by Gravimetry                                             | E144<br><br>ALS Environmental -<br>Waterloo                 | Soil/Solid | CCME PHC in Soil - Tier<br>1            | Moisture is measured gravimetrically by drying the sample at 105°C. Moisture content is calculated as the weight loss (due to water) divided by the wet weight of the sample, expressed as a percentage.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Water Extractable Chloride by IC                                           | E236.Cl<br><br>ALS Environmental -<br>Waterloo              | Soil/Solid | EPA 300.1                               | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection using a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Anions are measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                                                                                        |
| Water Extractable Sulfate by IC                                            | E236.SO <sub>4</sub><br><br>ALS Environmental -<br>Waterloo | Soil/Solid | EPA 300.1                               | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection using a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Anions are measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                                                                                        |
| WAD Cyanide (0.01M NaOH Extraction)                                        | E336A<br><br>ALS Environmental -<br>Waterloo                | Soil/Solid | APHA 4500-CN I (mod)                    | Weak Acid Dissociable (WAD) cyanide is determined after extraction by Continuous Flow Analyzer (CFA) with in-line distillation followed by colourimetric analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Acid Volatile Sulfide in Soil by Colourimetry<br>(0.2 mg/kg)               | E396-L<br><br>ALS Environmental -<br>Waterloo               | Soil/Solid | APHA 4500S2J                            | This analysis is carried out in accordance with the method described in APHA 4500 S2-J. After extraction the Acid Volatile Sulphide is determined colourimetrically.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



| Analytical Methods                                      | Method / Lab                                | Matrix     | Method Reference                 | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------|---------------------------------------------|------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Metals in Soil/Solid by CRC ICPMS (<355 µm)             | E440C<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 6020B (mod)                  | <p>This method is intended to liberate metals that may be environmentally available. Samples are dried, then sieved through a 355 µm sieve, and digested with HNO<sub>3</sub> and HCl.</p> <p>Dependent on sample matrix, some metals may be only partially recovered, including Al, Ba, Be, Cr, Sr, Ti, Tl, V, W, and Zr. Silicate minerals are not solubilized. Volatile forms of sulfur (including sulfide) may not be captured, as they may be lost during sampling, storage, or digestion. This method does not adequately recover elemental sulfur, and is unsuitable for assessment of elemental sulfur standards or guidelines.</p> <p>Analysis is by Collision/Reaction Cell ICPMS.</p> |
| Sodium Adsorption Ratio (SAR) - 1:2<br>Soil:Water (Dry) | E484<br><br>ALS Environmental - Waterloo    | Soil/Solid | SW846 6010C                      | A dried, disaggregated solid sample is extracted with deionized water, the aqueous extract is separated from the solid, acidified and then analyzed using a ICP/OES. The concentrations of Na, Ca and Mg are reported as per CALA requirements for calculated parameters. These individual parameters are not for comparison to any guideline.                                                                                                                                                                                                                                                                                                                                                   |
| Boron-Hot Water Extractable by ICPOES                   | E487<br><br>ALS Environmental - Waterloo    | Soil/Solid | HW EXTR, EPA 6010B               | <p>A dried solid sample is extracted with calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES.</p> <p>Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).</p>                                                                                                                                                                                                                                                                                                                                  |
| Mercury in Soil/Solid by CVAAS (<355 µm)                | E510C<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 200.2/1631<br>Appendix (mod) | Samples are sieved through a 355 µm sieve, and digested with HNO <sub>3</sub> and HCl, followed by CVAAS analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hexavalent Chromium (Cr VI) by IC                       | E532<br><br>ALS Environmental - Waterloo    | Soil/Solid | APHA 3500-CR C                   | Instrumental analysis is performed by ion chromatography with UV detection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CCME PHC - F1 by Headspace GC-FID                       | E581.F1<br><br>ALS Environmental - Waterloo | Soil/Solid | CCME PHC in Soil - Tier 1        | <p>CCME Fraction 1 (F1) is analyzed by static headspace GC-FID. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.</p> <p>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.</p>                                                 |



| Analytical Methods                            | Method / Lab                                  | Matrix     | Method Reference                              | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|-----------------------------------------------|------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CCME PHCs - F2-F4 by GC-FID (Low Level)       | E601.SG-L<br><br>ALS Environmental - Waterloo | Soil/Solid | CCME PHC in Soil - Tier 1                     | Sample extracts are subjected to in-situ silica gel treatment prior to analysis by GC-FID for CCME hydrocarbon fractions (F2-F4).<br><br>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements. |
| VOCs (Eastern Canada List) by Headspace GC-MS | E611D<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8260D (mod)                               | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                      |
| PAHs in Soil/solid by Hex:Ace GC-MS           | E641A<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8270E (mod)                               | Polycyclic Aromatic Hydrocarbons (PAHs) are extracted with hexane/acetone and analyzed by GC-MS. If reported, IACR (index of additive cancer risk, unitless) and B(a)P toxic potency equivalent (in soil concentration units) are calculated as per CCME PAH Soil Quality Guidelines fact sheet (2010) or ABT1.                                                                                                                                                                                        |
| OCPs by GC-MS-MS (Low Level)                  | E660F-L<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 8270E (mod)                               | OCPs are analyzed by GC-MS-MS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Resistivity Calculation for Soil Using E100-L | EC100R<br><br>ALS Environmental - Waterloo    | Soil/Solid | APHA 2510 B                                   | Soil Resistivity (calculated) is determined as the inverse of the conductivity of a 2:1 water:soil leachate (dry weight). This method is intended as a rapid approximation for Soil Resistivity. Where high accuracy results are required, direct measurement of Soil Resistivity by the Wenner Four-Electrode Method (ASTM G57) is recommended.                                                                                                                                                       |
| F1-BTEX                                       | EC580<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1                     | F1-BTEX is calculated as follows: F1-BTEX = F1 (C6-C10) minus benzene, toluene, ethylbenzene and xylenes (BTEX).                                                                                                                                                                                                                                                                                                                                                                                       |
| Sum F1 to F4 (C6-C50)                         | EC581<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1                     | Hydrocarbons, total (C6-C50) is the sum of CCME Fractions F1(C6-C10), F2(C10-C16), F3(C16-C34), and F4(C34-C50). F4G-sg is not used within this calculation due to overlap with other fractions.                                                                                                                                                                                                                                                                                                       |
| F2 to F3 minus PAH                            | EC600<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1                     | F2-Naphthalene = CCME Fraction 2 (C10-C16) minus Naphthalene<br>F3-PAH = CCME Fraction 3 (C16-C34) minus sPhenanthrene, Fluoranthene, Pyrene, Benz(a)anthracene, benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-c,d)pyrene, and Dibenz(a,h)anthracene.                                                                                                                                                                                                                     |
| Preparation Methods                           | Method / Lab                                  | Matrix     | Method Reference                              | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Leach 1:2 Soil:Water for pH/EC                | EP108<br><br>ALS Environmental - Waterloo     | Soil/Solid | BC WLAP METHOD:<br>PH, ELECTROMETRIC,<br>SOIL | The procedure involves mixing the dried (at <60°C) and sieved (No. 10 / 2mm) sample with deionized/distilled water at a 1:2 ratio of sediment to water.                                                                                                                                                                                                                                                                                                                                                |





| Preparation Methods                                         | Method / Lab                            | Matrix     | Method Reference                | Method Descriptions                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------|-----------------------------------------|------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leach 1:2 Soil : 0.01CaCl <sub>2</sub> - As Received for pH | EP108A<br>ALS Environmental - Waterloo  | Soil/Solid | MOEE E3137A                     | A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling or decanting and then analyzed using a pH meter and electrode.                                                                               |
| Preparation of ORP by Electrode                             | EP125<br>ALS Environmental - Waterloo   | Soil/Solid | APHA 2580 (mod)                 | Field-moist sample is extracted in a 1:2 ratio with DI water and then analyzed by ORP meter.                                                                                                                                                                                                                                                                        |
| Anions Leach 1:10 Soil:Water (Dry)                          | EP236<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 300.1                       | 5 grams of dried soil is mixed with 50 grams of distilled water for a minimum of 30 minutes. The extract is filtered and analyzed by ion chromatography.                                                                                                                                                                                                            |
| Cyanide Extraction for CFA (0.01M NaOH)                     | EP333A<br>ALS Environmental - Waterloo  | Soil/Solid | ON MECP E3015 (mod)             | Extraction for various cyanide analysis is by rotary extraction of the soil with 0.01M Sodium Hydroxide.                                                                                                                                                                                                                                                            |
| Distillation for Acid Volatile Sulfide in Soil              | EP396-L<br>ALS Environmental - Waterloo | Soil/Solid | APHA 4500S2J                    | Acid Volatile Sulfide is determined by colourimetric measurement on a sediment sample that has been treated with hydrochloric acid within a purge and trap system, where the evolved hydrogen sulfide gas is carried into a basic solution by argon gas for analysis.                                                                                               |
| Digestion for Metals and Mercury (355 µm Sieve)             | EP440C<br>ALS Environmental - Waterloo  | Soil/Solid | EPA 200.2 (mod)                 | Samples are sieved through a 355 µm sieve, and digested with HNO <sub>3</sub> and HCl. This method is intended to liberate metals that may be environmentally available.                                                                                                                                                                                            |
| Boron-Hot Water Extractable                                 | EP487<br>ALS Environmental - Waterloo   | Soil/Solid | HW EXTR, EPA 6010B              | <p>A dried solid sample is extracted with weak calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES.</p> <p>Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011)</p> |
| Preparation of Hexavalent Chromium (Cr VI) for IC           | EP532<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 3060A                       | Field moist samples are digested with a sodium hydroxide/sodium carbonate solution as described in EPA 3060A.                                                                                                                                                                                                                                                       |
| VOCs Methanol Extraction for Headspace Analysis             | EP581<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 5035A (mod)                 | VOCs in samples are extracted with methanol. Extracts are then prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                          |
| PHCs and PAHs Hexane-Acetone Tumbler Extraction             | EP601<br>ALS Environmental - Waterloo   | Soil/Solid | CCME PHC in Soil - Tier 1 (mod) | Samples are subsampled and Petroleum Hydrocarbons (PHC) and PAHs are extracted with 1:1 hexane:acetone using a rotary extractor.                                                                                                                                                                                                                                    |

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Work Order : WT2516796 Amendment 3  
Client : GHD Limited  
Project : 12669624-120.120.10



| Preparation Methods                                                               | Method / Lab                                 | Matrix     | Method Reference | Method Descriptions                                                                   |
|-----------------------------------------------------------------------------------|----------------------------------------------|------------|------------------|---------------------------------------------------------------------------------------|
| Pesticides, PCB, PAH, and Neutral Extractable Chlorinated Hydrocarbons Extraction | EP660<br><br>ALS Environmental -<br>Waterloo | Soil/Solid | EPA 3570 (mod)   | A homogenized subsample is extracted with organic solvents using a mechanical shaker. |

## QUALITY CONTROL REPORT

|                                |                                                    |                                |                                                                 |
|--------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| <b>Work Order</b>              | <b>: WT2516796</b>                                 | <b>Page</b>                    | <b>: 1 of 21</b>                                                |
| <b>Amendment</b>               | <b>: 3</b>                                         |                                |                                                                 |
| <b>Client</b>                  | : GHD Limited                                      | <b>Laboratory</b>              | : ALS Environmental - Waterloo                                  |
| <b>Contact</b>                 | : Joeline Chan                                     | <b>Account Manager</b>         | : Rick Hawthorne                                                |
| <b>Address</b>                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | <b>Address</b>                 | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| <b>Telephone</b>               | : ----                                             | <b>Telephone</b>               | : +1 519 886 6910                                               |
| <b>Project</b>                 | : 12669624-120.120.10                              | <b>Date Samples Received</b>   | : 25-Jun-2025 09:40                                             |
| <b>PO</b>                      | : 735-014194-1                                     | <b>Date Analysis Commenced</b> | : 26-Jun-2025                                                   |
| <b>C-O-C number</b>            | : ----                                             | <b>Issue Date</b>              | : 10-Jul-2025 11:08                                             |
| <b>Sampler</b>                 | : ----                                             |                                |                                                                 |
| <b>Site</b>                    | : ----                                             |                                |                                                                 |
| <b>Quote number</b>            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                                |                                                                 |
| <b>No. of samples received</b> | : 13                                               |                                |                                                                 |
| <b>No. of samples analysed</b> | : 13                                               |                                |                                                                 |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i>                            | <i>Laboratory Department</i>                 |
|--------------------|--------------------------------------------|----------------------------------------------|
| Amaninder Dhillon  | Team Lead - Semi-Volatile Instrumentation  | Waterloo Organics, Waterloo, Ontario         |
| Danielle Gravel    | Supervisor - Semi-Volatile Instrumentation | Waterloo Organics, Waterloo, Ontario         |
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| Niral Patel        |                                            | Waterloo Centralized Prep, Waterloo, Ontario |
| Walt Kippenhuck    | Supervisor - Inorganic                     | Waterloo Inorganics, Waterloo, Ontario       |



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## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

### Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

# = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

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Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

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## Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

| Sub-Matrix: Soil/Solid           |                                        |                                     |            |        | Laboratory Duplicate (DUP) Report |          |                 |                  |                      |                  |           |
|----------------------------------|----------------------------------------|-------------------------------------|------------|--------|-----------------------------------|----------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID             | Client sample ID                       | Analyte                             | CAS Number | Method | LOR                               | Unit     | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Physical Tests (QC Lot: 2076680) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516740-001                    | Anonymous                              | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 7.29            | 7.31             | 0.274%               | 5%               | ----      |
| Physical Tests (QC Lot: 2076682) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516796-007                    | S-12669624-24/06/25-RB-BH25-17-0-2     | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 0.216 mS/cm     | 220              | 1.83%                | 20%              | ----      |
| Physical Tests (QC Lot: 2076689) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2514505-003                    | Anonymous                              | Moisture                            | ----       | E144   | 0.25                              | %        | 3.86            | 3.84             | 0.576%               | 20%              | ----      |
| Physical Tests (QC Lot: 2076890) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516796-013                    | S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | Moisture                            | ----       | E144   | 0.25                              | %        | 11.5            | 11.5             | 0.258%               | 20%              | ----      |
| Physical Tests (QC Lot: 2078204) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516674-022                    | Anonymous                              | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 0.152 mS/cm     | 168              | 10.4%                | 20%              | ----      |
| Physical Tests (QC Lot: 2078260) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516754-001                    | Anonymous                              | Oxidation-reduction potential [ORP] | ----       | E125   | 0.10                              | mV       | 362             | 309              | 15.8%                | 25%              | ----      |
| Physical Tests (QC Lot: 2082160) |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516474-004                    | Anonymous                              | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 7.53            | 7.33             | 2.69%                | 5%               | ----      |
| Cyanides (QC Lot: 2076678)       |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516796-002                    | S-12669624-23/06/25-RB-MW25-18-0-2     | Cyanide, weak acid dissociable      | ----       | E336A  | 0.050                             | mg/kg    | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Inorganics (QC Lot: 2089556)     |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516558-019                    | Anonymous                              | Sulfides, acid volatile             | ----       | E396-L | 0.21                              | mg/kg    | 0.93            | 0.77             | 0.16                 | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2076681)         |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516796-007                    | S-12669624-24/06/25-RB-BH25-17-0-2     | Calcium, soluble ion content        | 7440-70-2  | E484   | 0.50                              | mg/L     | 11.9            | 12.3             | 3.30%                | 30%              | ----      |
|                                  |                                        | Magnesium, soluble ion content      | 7439-95-4  | E484   | 0.50                              | mg/L     | 1.81            | 1.90             | 0.09                 | Diff <2x LOR     | ----      |
|                                  |                                        | Sodium, soluble ion content         | 17341-25-2 | E484   | 0.50                              | mg/L     | 4.88            | 5.01             | 2.63%                | 30%              | ----      |
| Metals (QC Lot: 2076683)         |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2514505-001                    | Anonymous                              | Boron, hot water soluble            | 7440-42-8  | E487   | 0.10                              | mg/kg    | 2.65            | 2.86             | 7.53%                | 40%              | ----      |
| Metals (QC Lot: 2076684)         |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2514505-001                    | Anonymous                              | Mercury                             | 7439-97-6  | E510C  | 0.0050                            | mg/kg    | 0.0077          | 0.0080           | 0.0002               | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2076685)         |                                        |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2514505-001                    | Anonymous                              | Antimony                            | 7440-36-0  | E440C  | 0.10                              | mg/kg    | 0.15            | 0.15             | 0.005                | Diff <2x LOR     | ----      |
|                                  |                                        | Arsenic                             | 7440-38-2  | E440C  | 0.10                              | mg/kg    | 5.67            | 5.60             | 1.22%                | 30%              | ----      |



Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                         |                                        |                               |            |          | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|------------------------------------------------|----------------------------------------|-------------------------------|------------|----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                           | Client sample ID                       | Analyte                       | CAS Number | Method   | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Metals (QC Lot: 2076685) - continued           |                                        |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2514505-001                                  | Anonymous                              | Barium                        | 7440-39-3  | E440C    | 0.50                              | mg/kg | 17.3            | 19.8             | 13.5%                | 40%              | ----      |
|                                                |                                        | Beryllium                     | 7440-41-7  | E440C    | 0.10                              | mg/kg | 0.71            | 0.75             | 6.26%                | 30%              | ----      |
|                                                |                                        | Boron                         | 7440-42-8  | E440C    | 5.0                               | mg/kg | 17.7            | 19.7             | 2.0                  | Diff <2x LOR     | ----      |
|                                                |                                        | Cadmium                       | 7440-43-9  | E440C    | 0.020                             | mg/kg | 0.031           | 0.029            | 0.003                | Diff <2x LOR     | ----      |
|                                                |                                        | Chromium                      | 7440-47-3  | E440C    | 0.50                              | mg/kg | 22.2            | 23.6             | 6.18%                | 30%              | ----      |
|                                                |                                        | Cobalt                        | 7440-48-4  | E440C    | 0.10                              | mg/kg | 13.1            | 13.2             | 1.10%                | 30%              | ----      |
|                                                |                                        | Copper                        | 7440-50-8  | E440C    | 0.50                              | mg/kg | 63.0            | 65.8             | 4.35%                | 30%              | ----      |
|                                                |                                        | Lead                          | 7439-92-1  | E440C    | 0.50                              | mg/kg | 4.46            | 3.93             | 12.6%                | 40%              | ----      |
|                                                |                                        | Molybdenum                    | 7439-98-7  | E440C    | 0.10                              | mg/kg | 0.19            | 0.20             | 0.02                 | Diff <2x LOR     | ----      |
|                                                |                                        | Nickel                        | 7440-02-0  | E440C    | 0.50                              | mg/kg | 27.4            | 28.3             | 3.04%                | 30%              | ----      |
|                                                |                                        | Selenium                      | 7782-49-2  | E440C    | 0.20                              | mg/kg | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Silver                        | 7440-22-4  | E440C    | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Thallium                      | 7440-28-0  | E440C    | 0.050                             | mg/kg | 0.079           | 0.084            | 0.005                | Diff <2x LOR     | ----      |
|                                                |                                        | Uranium                       | 7440-61-1  | E440C    | 0.050                             | mg/kg | 0.561           | 0.600            | 6.73%                | 30%              | ----      |
|                                                |                                        | Vanadium                      | 7440-62-2  | E440C    | 0.20                              | mg/kg | 29.8            | 31.5             | 5.34%                | 30%              | ----      |
|                                                |                                        | Zinc                          | 7440-66-6  | E440C    | 2.0                               | mg/kg | 57.1            | 58.9             | 3.01%                | 30%              | ----      |
| Speciated Metals (QC Lot: 2076679)             |                                        |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516796-002                                  | S-12669624-23/06/25-RB-MW25-18-0-2     | Chromium, hexavalent [Cr VI]  | 18540-29-9 | E532     | 0.10                              | mg/kg | 0.23            | 0.25             | 0.01                 | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2083191) |                                        |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516796-013                                  | S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | Chloride, soluble ion content | 16887-00-6 | E236.Cl  | 5.0                               | mg/kg | 6.9             | 6.4              | 0.4                  | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2083192) |                                        |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516796-013                                  | S-12669624-24/06/25-RB-BH25-17-2.5-4.5 | Sulfate, soluble ion content  | 14808-79-8 | E236.SO4 | 20                                | mg/kg | 160             | 156              | 2.35%                | 30%              | ----      |
| Volatile Organic Compounds (QC Lot: 2076923)   |                                        |                               |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516796-002                                  | S-12669624-23/06/25-RB-MW25-18-0-2     | Acetone                       | 67-64-1    | E611D    | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Benzene                       | 71-43-2    | E611D    | 0.0050                            | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Bromodichloromethane          | 75-27-4    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Bromoform                     | 75-25-2    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Bromomethane                  | 74-83-9    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Carbon tetrachloride          | 56-23-5    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Chlorobenzene                 | 108-90-7   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Chloroform                    | 67-66-3    | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                |                                        | Dibromochloromethane          | 124-48-1   | E611D    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                                   |                                    |                                |             |           | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------------|------------------------------------|--------------------------------|-------------|-----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                     | Client sample ID                   | Analyte                        | CAS Number  | Method    | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Volatile Organic Compounds (QC Lot: 2076923) - continued |                                    |                                |             |           |                                   |       |                 |                  |                      |                  |           |
| WT2516796-002                                            | S-12669624-23/06/25-RB-MW25-18-0-2 | Dibromoethane, 1,2-            | 106-93-4    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichlorobenzene, 1,2-          | 95-50-1     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichlorobenzene, 1,3-          | 541-73-1    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichlorobenzene, 1,4-          | 106-46-7    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichlorodifluoromethane        | 75-71-8     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloroethane, 1,1-           | 75-34-3     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloroethane, 1,2-           | 107-06-2    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloroethylene, 1,1-         | 75-35-4     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloroethylene, cis-1,2-     | 156-59-2    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloroethylene, trans-1,2-   | 156-60-5    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloromethane                | 75-09-2     | E611D     | 0.045                             | mg/kg | <0.045          | <0.045           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloropropane, 1,2-          | 78-87-5     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Ethylbenzene                   | 100-41-4    | E611D     | 0.015                             | mg/kg | <0.015          | <0.015           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Hexane, n-                     | 110-54-3    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D     | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D     | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D     | 0.040                             | mg/kg | <0.040          | <0.040           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Styrene                        | 100-42-5    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Tetrachloroethylene            | 127-18-4    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Toluene                        | 108-88-3    | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Trichloroethane, 1,1,1-        | 71-55-6     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Trichloroethane, 1,1,2-        | 79-00-5     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Trichloroethylene              | 79-01-6     | E611D     | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Trichlorofluoromethane         | 75-69-4     | E611D     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Vinyl chloride                 | 75-01-4     | E611D     | 0.020                             | mg/kg | <0.020          | <0.020           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Xylene, m+p-                   | 179601-23-1 | E611D     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | Xylene, o-                     | 95-47-6     | E611D     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2076687)                           |                                    |                                |             |           |                                   |       |                 |                  |                      |                  |           |
| WT2514505-001                                            | Anonymous                          | F2 (C10-C16)                   | ----        | E601.SG-L | 10                                | mg/kg | <10             | <10              | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                    | F3 (C16-C34)                   | ----        | E601.SG-L | 50                                | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |





Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                             |                                    |                           |            |           | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------|------------------------------------|---------------------------|------------|-----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                               | Client sample ID                   | Analyte                   | CAS Number | Method    | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Hydrocarbons (QC Lot: 2076687) - continued         |                                    |                           |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2514505-001                                      | Anonymous                          | F4 (C34-C50)              | ----       | E601.SG-L | 50                                | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2076924)                     |                                    |                           |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2516796-002                                      | S-12669624-23/06/25-RB-MW25-18-0-2 | F1 (C6-C10)               | ----       | E581.F1   | 5.0                               | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Polycyclic Aromatic Hydrocarbons (QC Lot: 2076686) |                                    |                           |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2514505-001                                      | Anonymous                          | Acenaphthene              | 83-32-9    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Acenaphthylene            | 208-96-8   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Anthracene                | 120-12-7   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Benz(a)anthracene         | 56-55-3    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Benzo(a)pyrene            | 50-32-8    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Benzo(b+j)fluoranthene    | n/a        | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Benzo(g,h,i)perylene      | 191-24-2   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Benzo(k)fluoranthene      | 207-08-9   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Chrysene                  | 218-01-9   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Dibenz(a,h)anthracene     | 53-70-3    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Fluoranthene              | 206-44-0   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Fluorene                  | 86-73-7    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Indeno(1,2,3-c,d)pyrene   | 193-39-5   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Methylnaphthalene, 1-     | 90-12-0    | E641A     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Methylnaphthalene, 2-     | 91-57-6    | E641A     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Naphthalene               | 91-20-3    | E641A     | 0.010                             | mg/kg | 0.027           | 0.026            | 0.0004               | Diff <2x LOR     | J         |
|                                                    |                                    | Phenanthrene              | 85-01-8    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Pyrene                    | 129-00-0   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Organochlorine Pesticides (QC Lot: 2077970)        |                                    |                           |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2516796-002                                      | S-12669624-23/06/25-RB-MW25-18-0-2 | Aldrin                    | 309-00-2   | E660F-L   | 0.00040                           | mg/kg | <0.00040        | <0.00040         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Chlordane, cis- (alpha)   | 5103-71-9  | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Chlordane, trans- (gamma) | 5103-74-2  | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | DDD, 2,4'-                | 53-19-0    | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | DDD, 4,4'-                | 72-54-8    | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | DDE, 2,4'-                | 3424-82-6  | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | DDE, 4,4'-                | 72-55-9    | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | DDT, 2,4'-                | 789-02-6   | E660F-L   | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | DDT, 4,4'-                | 50-29-3    | E660F-L   | 0.00060                           | mg/kg | <0.00060        | <0.00060         | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                    | Dieldrin                  | 60-57-1    | E660F-L   | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0.0000003            | Diff <2x LOR     | ----      |



| Sub-Matrix: Soil/Solid                                  |                                    |                               |            |         | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|---------------------------------------------------------|------------------------------------|-------------------------------|------------|---------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                    | Client sample ID                   | Analyte                       | CAS Number | Method  | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Organochlorine Pesticides (QC Lot: 2077970) - continued |                                    |                               |            |         |                                   |       |                 |                  |                      |                  |           |
| WT2516796-002                                           | S-12669624-23/06/25-RB-MW25-18-0-2 | Endosulfan, alpha-            | 959-98-8   | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Endosulfan, beta-             | 33213-65-9 | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Endrin                        | 72-20-8    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Heptachlor                    | 76-44-8    | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0.0000003            | Diff <2x LOR     | ----      |
|                                                         |                                    | Heptachlor epoxide            | 1024-57-3  | E660F-L | 0.00040                           | mg/kg | <0.00040        | <0.00040         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Hexachlorobenzene             | 118-74-1   | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Hexachlorobutadiene           | 87-68-3    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Hexachlorocyclohexane, gamma- | 58-89-9    | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0.0000003            | Diff <2x LOR     | ----      |
|                                                         |                                    | Hexachloroethane              | 67-72-1    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                                    | Methoxychlor                  | 72-43-5    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |

Qualifiers

| Qualifier | Description                                                                 |
|-----------|-----------------------------------------------------------------------------|
| J         | Duplicate results and limits are expressed in terms of absolute difference. |



## Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

### Sub-Matrix: Soil/Solid

| Analyte                                | CAS Number | Method | LOR   | Unit  | Result  | Qualifier |
|----------------------------------------|------------|--------|-------|-------|---------|-----------|
| <b>Physical Tests (QCLot: 2076682)</b> |            |        |       |       |         |           |
| Conductivity (1:2 leachate)            | ----       | E100-L | 5     | µS/cm | <5.00   | ----      |
| <b>Physical Tests (QCLot: 2076689)</b> |            |        |       |       |         |           |
| Moisture                               | ----       | E144   | 0.25  | %     | <0.25   | ----      |
| <b>Physical Tests (QCLot: 2076890)</b> |            |        |       |       |         |           |
| Moisture                               | ----       | E144   | 0.25  | %     | <0.25   | ----      |
| <b>Physical Tests (QCLot: 2078204)</b> |            |        |       |       |         |           |
| Conductivity (1:2 leachate)            | ----       | E100-L | 5     | µS/cm | <5.00   | ----      |
| <b>Cyanides (QCLot: 2076678)</b>       |            |        |       |       |         |           |
| Cyanide, weak acid dissociable         | ----       | E336A  | 0.05  | mg/kg | <0.050  | ----      |
| <b>Inorganics (QCLot: 2089556)</b>     |            |        |       |       |         |           |
| Sulfides, acid volatile                | ----       | E396-L | 0.2   | mg/kg | <0.20   | ----      |
| <b>Metals (QCLot: 2076681)</b>         |            |        |       |       |         |           |
| Calcium, soluble ion content           | 7440-70-2  | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Magnesium, soluble ion content         | 7439-95-4  | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Sodium, soluble ion content            | 17341-25-2 | E484   | 0.5   | mg/L  | <0.50   | ----      |
| <b>Metals (QCLot: 2076683)</b>         |            |        |       |       |         |           |
| Boron, hot water soluble               | 7440-42-8  | E487   | 0.1   | mg/kg | <0.10   | ----      |
| <b>Metals (QCLot: 2076684)</b>         |            |        |       |       |         |           |
| Mercury                                | 7439-97-6  | E510C  | 0.005 | mg/kg | <0.0050 | ----      |
| <b>Metals (QCLot: 2076685)</b>         |            |        |       |       |         |           |
| Antimony                               | 7440-36-0  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Arsenic                                | 7440-38-2  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Barium                                 | 7440-39-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Beryllium                              | 7440-41-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Boron                                  | 7440-42-8  | E440C  | 5     | mg/kg | <5.0    | ----      |
| Cadmium                                | 7440-43-9  | E440C  | 0.02  | mg/kg | <0.020  | ----      |
| Chromium                               | 7440-47-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Cobalt                                 | 7440-48-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Copper                                 | 7440-50-8  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Lead                                   | 7439-92-1  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Molybdenum                             | 7439-98-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Nickel                                 | 7440-02-0  | E440C  | 0.5   | mg/kg | <0.50   | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                  | CAS Number | Method   | LOR   | Unit  | Result  | Qualifier |
|----------------------------------------------------------|------------|----------|-------|-------|---------|-----------|
| <b>Metals (QCLot: 2076685) - continued</b>               |            |          |       |       |         |           |
| Selenium                                                 | 7782-49-2  | E440C    | 0.2   | mg/kg | <0.20   | ----      |
| Silver                                                   | 7440-22-4  | E440C    | 0.1   | mg/kg | <0.10   | ----      |
| Thallium                                                 | 7440-28-0  | E440C    | 0.05  | mg/kg | <0.050  | ----      |
| Uranium                                                  | 7440-61-1  | E440C    | 0.05  | mg/kg | <0.050  | ----      |
| Vanadium                                                 | 7440-62-2  | E440C    | 0.2   | mg/kg | <0.20   | ----      |
| Zinc                                                     | 7440-66-6  | E440C    | 2     | mg/kg | <2.0    | ----      |
| <b>Speciated Metals (QCLot: 2076679)</b>                 |            |          |       |       |         |           |
| Chromium, hexavalent [Cr VI]                             | 18540-29-9 | E532     | 0.1   | mg/kg | <0.10   | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2083191)</b> |            |          |       |       |         |           |
| Chloride, soluble ion content                            | 16887-00-6 | E236.Cl  | 5     | mg/kg | <5.0    | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2083192)</b> |            |          |       |       |         |           |
| Sulfate, soluble ion content                             | 14808-79-8 | E236.SO4 | 20    | mg/kg | <20     | ----      |
| <b>Volatile Organic Compounds (QCLot: 2076923)</b>       |            |          |       |       |         |           |
| Acetone                                                  | 67-64-1    | E611D    | 0.5   | mg/kg | <0.50   | ----      |
| Benzene                                                  | 71-43-2    | E611D    | 0.005 | mg/kg | <0.0050 | ----      |
| Bromodichloromethane                                     | 75-27-4    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Bromoform                                                | 75-25-2    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Bromomethane                                             | 74-83-9    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Carbon tetrachloride                                     | 56-23-5    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Chlorobenzene                                            | 108-90-7   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Chloroform                                               | 67-66-3    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dibromochloromethane                                     | 124-48-1   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dibromoethane, 1,2-                                      | 106-93-4   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,2-                                    | 95-50-1    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,3-                                    | 541-73-1   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,4-                                    | 106-46-7   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorodifluoromethane                                  | 75-71-8    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,1-                                     | 75-34-3    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,2-                                     | 107-06-2   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, 1,1-                                   | 75-35-4    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, cis-1,2-                               | 156-59-2   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, trans-1,2-                             | 156-60-5   | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloromethane                                          | 75-09-2    | E611D    | 0.045 | mg/kg | <0.045  | ----      |
| Dichloropropane, 1,2-                                    | 78-87-5    | E611D    | 0.05  | mg/kg | <0.050  | ----      |
| Dichloropropylene, cis-1,3-                              | 10061-01-5 | E611D    | 0.03  | mg/kg | <0.030  | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number  | Method    | LOR   | Unit  | Result | Qualifier |
|----------------------------------------------------------------|-------------|-----------|-------|-------|--------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2076923) - continued</b> |             |           |       |       |        |           |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6  | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| Ethylbenzene                                                   | 100-41-4    | E611D     | 0.015 | mg/kg | <0.015 | ----      |
| Hexane, n-                                                     | 110-54-3    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Methyl ethyl ketone [MEK]                                      | 78-93-3     | E611D     | 0.5   | mg/kg | <0.50  | ----      |
| Methyl isobutyl ketone [MIBK]                                  | 108-10-1    | E611D     | 0.5   | mg/kg | <0.50  | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4   | E611D     | 0.04  | mg/kg | <0.040 | ----      |
| Styrene                                                        | 100-42-5    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethylene                                            | 127-18-4    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Toluene                                                        | 108-88-3    | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethylene                                              | 79-01-6     | E611D     | 0.01  | mg/kg | <0.010 | ----      |
| Trichlorofluoromethane                                         | 75-69-4     | E611D     | 0.05  | mg/kg | <0.050 | ----      |
| Vinyl chloride                                                 | 75-01-4     | E611D     | 0.02  | mg/kg | <0.020 | ----      |
| Xylene, m+p-                                                   | 179601-23-1 | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| Xylene, o-                                                     | 95-47-6     | E611D     | 0.03  | mg/kg | <0.030 | ----      |
| <b>Hydrocarbons (QCLot: 2076687)</b>                           |             |           |       |       |        |           |
| F2 (C10-C16)                                                   | ----        | E601.SG-L | 10    | mg/kg | <10    | ----      |
| F3 (C16-C34)                                                   | ----        | E601.SG-L | 50    | mg/kg | <50    | ----      |
| F4 (C34-C50)                                                   | ----        | E601.SG-L | 50    | mg/kg | <50    | ----      |
| <b>Hydrocarbons (QCLot: 2076924)</b>                           |             |           |       |       |        |           |
| F1 (C6-C10)                                                    | ----        | E581.F1   | 5     | mg/kg | <5.0   | ----      |
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2076686)</b>       |             |           |       |       |        |           |
| Acenaphthene                                                   | 83-32-9     | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Acenaphthylene                                                 | 208-96-8    | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Anthracene                                                     | 120-12-7    | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Benz(a)anthracene                                              | 56-55-3     | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Benzo(a)pyrene                                                 | 50-32-8     | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Benzo(b+j)fluoranthene                                         | n/a         | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Benzo(g,h,i)perylene                                           | 191-24-2    | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Benzo(k)fluoranthene                                           | 207-08-9    | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Chrysene                                                       | 218-01-9    | E641A     | 0.05  | mg/kg | <0.050 | ----      |
| Dibenz(a,h)anthracene                                          | 53-70-3     | E641A     | 0.05  | mg/kg | <0.050 | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                              | CAS Number | Method  | LOR    | Unit  | Result   | Qualifier |
|----------------------------------------------------------------------|------------|---------|--------|-------|----------|-----------|
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2076686) - continued</b> |            |         |        |       |          |           |
| Fluoranthene                                                         | 206-44-0   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Fluorene                                                             | 86-73-7    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Indeno(1,2,3-c,d)pyrene                                              | 193-39-5   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Methylnaphthalene, 1-                                                | 90-12-0    | E641A   | 0.03   | mg/kg | <0.030   | ----      |
| Methylnaphthalene, 2-                                                | 91-57-6    | E641A   | 0.03   | mg/kg | <0.030   | ----      |
| Naphthalene                                                          | 91-20-3    | E641A   | 0.01   | mg/kg | <0.010   | ----      |
| Phenanthrene                                                         | 85-01-8    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Pyrene                                                               | 129-00-0   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| <b>Organochlorine Pesticides (QCLot: 2077970)</b>                    |            |         |        |       |          |           |
| Aldrin                                                               | 309-00-2   | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Chlordane, cis- (alpha)                                              | 5103-71-9  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Chlordane, trans- (gamma)                                            | 5103-74-2  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDD, 2,4'-                                                           | 53-19-0    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDD, 4,4'-                                                           | 72-54-8    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDE, 2,4'-                                                           | 3424-82-6  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDE, 4,4'-                                                           | 72-55-9    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDT, 2,4'-                                                           | 789-02-6   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDT, 4,4'-                                                           | 50-29-3    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Dieldrin                                                             | 60-57-1    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Endosulfan, alpha-                                                   | 959-98-8   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endosulfan, beta-                                                    | 33213-65-9 | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endrin                                                               | 72-20-8    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Heptachlor                                                           | 76-44-8    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Heptachlor epoxide                                                   | 1024-57-3  | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachlorobenzene                                                    | 118-74-1   | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorobutadiene                                                  | 87-68-3    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorocyclohexane, gamma-                                        | 58-89-9    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachloroethane                                                     | 67-72-1    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Methoxychlor                                                         | 72-43-5    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Soil/Solid

|                                 |            |        |       |          | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------|------------|--------|-------|----------|----------------------------------------|--------------|---------------------|------|-----------|
|                                 |            |        |       |          | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                         | CAS Number | Method | LOR   | Unit     | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Physical Tests (QCLot: 2076680) |            |        |       |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ----  | pH units | 7 pH units                             | 100          | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2076682) |            |        |       |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5     | µS/cm    | 1410 µS/cm                             | 98.2         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2076689) |            |        |       |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25  | %        | 50 %                                   | 98.8         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2076890) |            |        |       |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25  | %        | 50 %                                   | 99.1         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2078204) |            |        |       |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5     | µS/cm    | 1410 µS/cm                             | 97.3         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2082160) |            |        |       |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ----  | pH units | 7 pH units                             | 99.6         | 98.0                | 102  | ----      |
| Cyanides (QCLot: 2076678)       |            |        |       |          |                                        |              |                     |      |           |
| Cyanide, weak acid dissociable  | ----       | E336A  | 0.05  | mg/kg    | 1.25 mg/kg                             | 91.0         | 80.0                | 120  | ----      |
| Inorganics (QCLot: 2089556)     |            |        |       |          |                                        |              |                     |      |           |
| Sulfides, acid volatile         | ----       | E396-L | 0.2   | mg/kg    | 100 mg/kg                              | 108          | 70.0                | 130  | ----      |
| Metals (QCLot: 2076681)         |            |        |       |          |                                        |              |                     |      |           |
| Calcium, soluble ion content    | 7440-70-2  | E484   | 0.5   | mg/L     | 300 mg/L                               | 104          | 80.0                | 120  | ----      |
| Magnesium, soluble ion content  | 7439-95-4  | E484   | 0.5   | mg/L     | 50 mg/L                                | 100          | 80.0                | 120  | ----      |
| Sodium, soluble ion content     | 17341-25-2 | E484   | 0.5   | mg/L     | 50 mg/L                                | 97.2         | 80.0                | 120  | ----      |
| Metals (QCLot: 2076683)         |            |        |       |          |                                        |              |                     |      |           |
| Boron, hot water soluble        | 7440-42-8  | E487   | 0.1   | mg/kg    | 2 mg/kg                                | 101          | 70.0                | 130  | ----      |
| Metals (QCLot: 2076684)         |            |        |       |          |                                        |              |                     |      |           |
| Mercury                         | 7439-97-6  | E510C  | 0.005 | mg/kg    | 0.1 mg/kg                              | 105          | 80.0                | 120  | ----      |
| Metals (QCLot: 2076685)         |            |        |       |          |                                        |              |                     |      |           |
| Antimony                        | 7440-36-0  | E440C  | 0.1   | mg/kg    | 100 mg/kg                              | 106          | 80.0                | 120  | ----      |
| Arsenic                         | 7440-38-2  | E440C  | 0.1   | mg/kg    | 100 mg/kg                              | 110          | 80.0                | 120  | ----      |
| Barium                          | 7440-39-3  | E440C  | 0.5   | mg/kg    | 25 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Beryllium                       | 7440-41-7  | E440C  | 0.1   | mg/kg    | 10 mg/kg                               | 99.4         | 80.0                | 120  | ----      |
| Boron                           | 7440-42-8  | E440C  | 5     | mg/kg    | 100 mg/kg                              | 97.6         | 80.0                | 120  | ----      |





| Sub-Matrix: Soil/Solid                        |            |          |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-----------------------------------------------|------------|----------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                               |            |          |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                               |            |          |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                       | CAS Number | Method   | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Metals (QCLot: 2076685) - continued           |            |          |       |       |                                        |              |                     |      |           |
| Cadmium                                       | 7440-43-9  | E440C    | 0.02  | mg/kg | 10 mg/kg                               | 104          | 80.0                | 120  | ----      |
| Chromium                                      | 7440-47-3  | E440C    | 0.5   | mg/kg | 25 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Cobalt                                        | 7440-48-4  | E440C    | 0.1   | mg/kg | 25 mg/kg                               | 104          | 80.0                | 120  | ----      |
| Copper                                        | 7440-50-8  | E440C    | 0.5   | mg/kg | 25 mg/kg                               | 104          | 80.0                | 120  | ----      |
| Lead                                          | 7439-92-1  | E440C    | 0.5   | mg/kg | 50 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Molybdenum                                    | 7439-98-7  | E440C    | 0.1   | mg/kg | 25 mg/kg                               | 107          | 80.0                | 120  | ----      |
| Nickel                                        | 7440-02-0  | E440C    | 0.5   | mg/kg | 50 mg/kg                               | 103          | 80.0                | 120  | ----      |
| Selenium                                      | 7782-49-2  | E440C    | 0.2   | mg/kg | 100 mg/kg                              | 106          | 80.0                | 120  | ----      |
| Silver                                        | 7440-22-4  | E440C    | 0.1   | mg/kg | 10 mg/kg                               | 93.0         | 80.0                | 120  | ----      |
| Thallium                                      | 7440-28-0  | E440C    | 0.05  | mg/kg | 100 mg/kg                              | 96.8         | 80.0                | 120  | ----      |
| Uranium                                       | 7440-61-1  | E440C    | 0.05  | mg/kg | 0.5 mg/kg                              | 104          | 80.0                | 120  | ----      |
| Vanadium                                      | 7440-62-2  | E440C    | 0.2   | mg/kg | 50 mg/kg                               | 107          | 80.0                | 120  | ----      |
| Zinc                                          | 7440-66-6  | E440C    | 2     | mg/kg | 50 mg/kg                               | 100          | 80.0                | 120  | ----      |
| Speciated Metals (QCLot: 2076679)             |            |          |       |       |                                        |              |                     |      |           |
| Chromium, hexavalent [Cr VI]                  | 18540-29-9 | E532     | 0.1   | mg/kg | 0.8 mg/kg                              | 101          | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083191) |            |          |       |       |                                        |              |                     |      |           |
| Chloride, soluble ion content                 | 16887-00-6 | E236.Cl  | 5     | mg/kg | 1000 mg/kg                             | 98.7         | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083192) |            |          |       |       |                                        |              |                     |      |           |
| Sulfate, soluble ion content                  | 14808-79-8 | E236.SO4 | 20    | mg/kg | 1000 mg/kg                             | 95.9         | 80.0                | 120  | ----      |
| Volatile Organic Compounds (QCLot: 2076923)   |            |          |       |       |                                        |              |                     |      |           |
| Acetone                                       | 67-64-1    | E611D    | 0.5   | mg/kg | 3.48 mg/kg                             | 105          | 60.0                | 140  | ----      |
| Benzene                                       | 71-43-2    | E611D    | 0.005 | mg/kg | 3.48 mg/kg                             | 97.8         | 70.0                | 130  | ----      |
| Bromodichloromethane                          | 75-27-4    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 99.4         | 50.0                | 140  | ----      |
| Bromoform                                     | 75-25-2    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 70.0                | 130  | ----      |
| Bromomethane                                  | 74-83-9    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 71.3         | 50.0                | 140  | ----      |
| Carbon tetrachloride                          | 56-23-5    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 87.4         | 70.0                | 130  | ----      |
| Chlorobenzene                                 | 108-90-7   | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 89.3         | 70.0                | 130  | ----      |
| Chloroform                                    | 67-66-3    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 95.2         | 70.0                | 130  | ----      |
| Dibromochloromethane                          | 124-48-1   | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 98.8         | 60.0                | 130  | ----      |
| Dibromoethane, 1,2-                           | 106-93-4   | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 88.2         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                         | 95-50-1    | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 94.4         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                         | 541-73-1   | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 87.3         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                         | 106-46-7   | E611D    | 0.05  | mg/kg | 3.48 mg/kg                             | 84.8         | 70.0                | 130  | ----      |



| Sub-Matrix: Soil/Solid                                  |             |           |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|-----------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |           |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                         |             |           |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                 | CAS Number  | Method    | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2076923) - continued |             |           |       |       |                                        |              |                     |      |           |
| Dichlorodifluoromethane                                 | 75-71-8     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 74.9         | 50.0                | 140  | ----      |
| Dichloroethane, 1,1-                                    | 75-34-3     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 96.1         | 60.0                | 130  | ----      |
| Dichloroethane, 1,2-                                    | 107-06-2    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 60.0                | 130  | ----      |
| Dichloroethylene, 1,1-                                  | 75-35-4     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 92.3         | 60.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-                              | 156-59-2    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 96.2         | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-                            | 156-60-5    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 96.4         | 60.0                | 130  | ----      |
| Dichloromethane                                         | 75-09-2     | E611D     | 0.045 | mg/kg | 3.48 mg/kg                             | 91.9         | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                                   | 78-87-5     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 96.9         | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                             | 10061-01-5  | E611D     | 0.03  | mg/kg | 3.48 mg/kg                             | 86.4         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-                           | 10061-02-6  | E611D     | 0.03  | mg/kg | 3.48 mg/kg                             | 87.0         | 70.0                | 130  | ----      |
| Ethylbenzene                                            | 100-41-4    | E611D     | 0.015 | mg/kg | 3.48 mg/kg                             | 85.6         | 70.0                | 130  | ----      |
| Hexane, n-                                              | 110-54-3    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 97.0         | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK]                               | 78-93-3     | E611D     | 0.5   | mg/kg | 3.48 mg/kg                             | 97.0         | 60.0                | 140  | ----      |
| Methyl isobutyl ketone [MIBK]                           | 108-10-1    | E611D     | 0.5   | mg/kg | 3.48 mg/kg                             | 89.9         | 60.0                | 140  | ----      |
| Methyl-tert-butyl ether [MTBE]                          | 1634-04-4   | E611D     | 0.04  | mg/kg | 3.48 mg/kg                             | 86.6         | 70.0                | 130  | ----      |
| Styrene                                                 | 100-42-5    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 81.6         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 88.6         | 60.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 110          | 60.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 86.5         | 60.0                | 130  | ----      |
| Toluene                                                 | 108-88-3    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 92.7         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 83.5         | 60.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 91.0         | 60.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6     | E611D     | 0.01  | mg/kg | 3.48 mg/kg                             | 90.2         | 60.0                | 130  | ----      |
| Trichlorofluoromethane                                  | 75-69-4     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 84.5         | 50.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611D     | 0.02  | mg/kg | 3.48 mg/kg                             | 88.2         | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611D     | 0.03  | mg/kg | 6.95 mg/kg                             | 88.4         | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611D     | 0.03  | mg/kg | 3.48 mg/kg                             | 83.3         | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2076687)                           |             |           |       |       |                                        |              |                     |      |           |
| F2 (C10-C16)                                            | ----        | E601.SG-L | 10    | mg/kg | 671 mg/kg                              | 105          | 70.0                | 130  | ----      |
| F3 (C16-C34)                                            | ----        | E601.SG-L | 50    | mg/kg | 1380 mg/kg                             | 109          | 70.0                | 130  | ----      |
| F4 (C34-C50)                                            | ----        | E601.SG-L | 50    | mg/kg | 748 mg/kg                              | 109          | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2076924)                           |             |           |       |       |                                        |              |                     |      |           |
| F1 (C6-C10)                                             | ----        | E581.F1   | 5     | mg/kg | 69.2 mg/kg                             | 91.3         | 80.0                | 120  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2076686)       |             |           |       |       |                                        |              |                     |      |           |



Sub-Matrix: Soil/Solid

|                                                               |            |         |        |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------------|------------|---------|--------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                               |            |         |        |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                                       | CAS Number | Method  | LOR    | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2076686) - continued |            |         |        |       |                                        |              |                     |      |           |
| Acenaphthene                                                  | 83-32-9    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 88.2         | 60.0                | 130  | ----      |
| Acenaphthylene                                                | 208-96-8   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 88.6         | 60.0                | 130  | ----      |
| Anthracene                                                    | 120-12-7   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 91.0         | 60.0                | 130  | ----      |
| Benz(a)anthracene                                             | 56-55-3    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 83.3         | 60.0                | 130  | ----      |
| Benzo(a)pyrene                                                | 50-32-8    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 87.3         | 60.0                | 130  | ----      |
| Benzo(b+j)fluoranthene                                        | n/a        | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 88.9         | 60.0                | 130  | ----      |
| Benzo(g,h,i)perylene                                          | 191-24-2   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 90.3         | 60.0                | 130  | ----      |
| Benzo(k)fluoranthene                                          | 207-08-9   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 85.5         | 60.0                | 130  | ----      |
| Chrysene                                                      | 218-01-9   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 93.4         | 60.0                | 130  | ----      |
| Dibenz(a,h)anthracene                                         | 53-70-3    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 91.6         | 60.0                | 130  | ----      |
| Fluoranthene                                                  | 206-44-0   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 90.1         | 60.0                | 130  | ----      |
| Fluorene                                                      | 86-73-7    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 89.2         | 60.0                | 130  | ----      |
| Indeno(1,2,3-c,d)pyrene                                       | 193-39-5   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 89.8         | 60.0                | 130  | ----      |
| Methylnaphthalene, 1-                                         | 90-12-0    | E641A   | 0.03   | mg/kg | 0.5 mg/kg                              | 82.3         | 60.0                | 130  | ----      |
| Methylnaphthalene, 2-                                         | 91-57-6    | E641A   | 0.03   | mg/kg | 0.5 mg/kg                              | 83.3         | 60.0                | 130  | ----      |
| Naphthalene                                                   | 91-20-3    | E641A   | 0.01   | mg/kg | 0.5 mg/kg                              | 76.6         | 60.0                | 130  | ----      |
| Phenanthrene                                                  | 85-01-8    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 83.3         | 60.0                | 130  | ----      |
| Pyrene                                                        | 129-00-0   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 88.6         | 60.0                | 130  | ----      |
| Organochlorine Pesticides (QCLot: 2077970)                    |            |         |        |       |                                        |              |                     |      |           |
| Aldrin                                                        | 309-00-2   | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 61.5         | 50.0                | 150  | ----      |
| Chlordane, cis- (alpha)                                       | 5103-71-9  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 131          | 50.0                | 150  | ----      |
| Chlordane, trans- (gamma)                                     | 5103-74-2  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 132          | 50.0                | 150  | ----      |
| DDD, 2,4'-                                                    | 53-19-0    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 144          | 50.0                | 150  | ----      |
| DDD, 4,4'-                                                    | 72-54-8    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 132          | 50.0                | 150  | ----      |
| DDE, 2,4'-                                                    | 3424-82-6  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 126          | 50.0                | 150  | ----      |
| DDE, 4,4'-                                                    | 72-55-9    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 120          | 50.0                | 150  | ----      |
| DDT, 2,4'-                                                    | 789-02-6   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 71.9         | 50.0                | 150  | ----      |
| DDT, 4,4'-                                                    | 50-29-3    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 52.7         | 50.0                | 150  | ----      |
| Dieldrin                                                      | 60-57-1    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 129          | 50.0                | 150  | ----      |
| Endosulfan, alpha-                                            | 959-98-8   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 112          | 50.0                | 150  | ----      |
| Endosulfan, beta-                                             | 33213-65-9 | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 105          | 50.0                | 150  | ----      |
| Endrin                                                        | 72-20-8    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 115          | 50.0                | 150  | ----      |
| Heptachlor                                                    | 76-44-8    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 55.3         | 50.0                | 150  | ----      |
| Heptachlor epoxide                                            | 1024-57-3  | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 128          | 50.0                | 150  | ----      |
| Hexachlorobenzene                                             | 118-74-1   | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 71.9         | 50.0                | 150  | ----      |



| Sub-Matrix: Soil/Solid                                 |            |         |        |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|--------------------------------------------------------|------------|---------|--------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                        |            |         |        |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
|                                                        |            |         |        |       | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Analyte                                                | CAS Number | Method  | LOR    | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Organochlorine Pesticides (QCLot: 2077970) - continued |            |         |        |       |                                        |              |                     |      |           |
| Hexachlorobutadiene                                    | 87-68-3    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 72.2         | 50.0                | 150  | ----      |
| Hexachlorocyclohexane, gamma-                          | 58-89-9    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 57.1         | 50.0                | 150  | ----      |
| Hexachloroethane                                       | 67-72-1    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 65.7         | 50.0                | 150  | ----      |
| Methoxychlor                                           | 72-43-5    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 53.3         | 50.0                | 150  | ----      |



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                      |                                        |                                |            |        | Matrix Spike (MS) Report |            |              |                     |      |           |
|---------------------------------------------|----------------------------------------|--------------------------------|------------|--------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                             |                                        |                                |            |        | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                        | Client sample ID                       | Analyte                        | CAS Number | Method | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Cyanides (QCLot: 2076678)                   |                                        |                                |            |        |                          |            |              |                     |      |           |
| WT2516796-002                               | S-12669624-23/06/25-RB-M<br>W25-18-0-2 | Cyanide, weak acid dissociable | ----       | E336A  | 1.01 mg/kg               | 1.23 mg/kg | 82.4         | 70.0                | 130  | ----      |
| Volatile Organic Compounds (QCLot: 2076923) |                                        |                                |            |        |                          |            |              |                     |      |           |
| WT2516796-002                               | S-12669624-23/06/25-RB-M<br>W25-18-0-2 | Acetone                        | 67-64-1    | E611D  | 3.57 mg/kg               | 2.56 mg/kg | 139          | 50.0                | 140  | ----      |
|                                             |                                        | Benzene                        | 71-43-2    | E611D  | 3.15 mg/kg               | 2.56 mg/kg | 123          | 50.0                | 140  | ----      |
|                                             |                                        | Bromodichloromethane           | 75-27-4    | E611D  | 3.25 mg/kg               | 2.56 mg/kg | 127          | 50.0                | 140  | ----      |
|                                             |                                        | Bromoform                      | 75-25-2    | E611D  | 3.17 mg/kg               | 2.56 mg/kg | 124          | 50.0                | 140  | ----      |
|                                             |                                        | Bromomethane                   | 74-83-9    | E611D  | 2.37 mg/kg               | 2.56 mg/kg | 92.3         | 50.0                | 140  | ----      |
|                                             |                                        | Carbon tetrachloride           | 56-23-5    | E611D  | 2.80 mg/kg               | 2.56 mg/kg | 109          | 50.0                | 140  | ----      |
|                                             |                                        | Chlorobenzene                  | 108-90-7   | E611D  | 2.83 mg/kg               | 2.56 mg/kg | 110          | 50.0                | 140  | ----      |
|                                             |                                        | Chloroform                     | 67-66-3    | E611D  | 3.10 mg/kg               | 2.56 mg/kg | 121          | 50.0                | 140  | ----      |
|                                             |                                        | Dibromochloromethane           | 124-48-1   | E611D  | 3.11 mg/kg               | 2.56 mg/kg | 121          | 50.0                | 140  | ----      |
|                                             |                                        | Dibromoethane, 1,2-            | 106-93-4   | E611D  | 2.72 mg/kg               | 2.56 mg/kg | 106          | 50.0                | 140  | ----      |
|                                             |                                        | Dichlorobenzene, 1,2-          | 95-50-1    | E611D  | 2.89 mg/kg               | 2.56 mg/kg | 113          | 50.0                | 140  | ----      |
|                                             |                                        | Dichlorobenzene, 1,3-          | 541-73-1   | E611D  | 2.72 mg/kg               | 2.56 mg/kg | 106          | 50.0                | 140  | ----      |
|                                             |                                        | Dichlorobenzene, 1,4-          | 106-46-7   | E611D  | 2.78 mg/kg               | 2.56 mg/kg | 108          | 50.0                | 140  | ----      |
|                                             |                                        | Dichlorodifluoromethane        | 75-71-8    | E611D  | 2.90 mg/kg               | 2.56 mg/kg | 113          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloroethane, 1,1-           | 75-34-3    | E611D  | 3.11 mg/kg               | 2.56 mg/kg | 121          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloroethane, 1,2-           | 107-06-2   | E611D  | 3.34 mg/kg               | 2.56 mg/kg | 130          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloroethylene, 1,1-         | 75-35-4    | E611D  | 2.98 mg/kg               | 2.56 mg/kg | 116          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloroethylene, cis-1,2-     | 156-59-2   | E611D  | 3.12 mg/kg               | 2.56 mg/kg | 122          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloroethylene, trans-1,2-   | 156-60-5   | E611D  | 3.06 mg/kg               | 2.56 mg/kg | 119          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloromethane                | 75-09-2    | E611D  | 3.01 mg/kg               | 2.56 mg/kg | 118          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloropropane, 1,2-          | 78-87-5    | E611D  | 3.16 mg/kg               | 2.56 mg/kg | 123          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloropropylene, cis-1,3-    | 10061-01-5 | E611D  | 2.84 mg/kg               | 2.56 mg/kg | 111          | 50.0                | 140  | ----      |
|                                             |                                        | Dichloropropylene, trans-1,3-  | 10061-02-6 | E611D  | 2.81 mg/kg               | 2.56 mg/kg | 110          | 50.0                | 140  | ----      |
|                                             |                                        | Ethylbenzene                   | 100-41-4   | E611D  | 2.69 mg/kg               | 2.56 mg/kg | 105          | 50.0                | 140  | ----      |
|                                             |                                        | Hexane, n-                     | 110-54-3   | E611D  | 3.04 mg/kg               | 2.56 mg/kg | 119          | 50.0                | 140  | ----      |
|                                             |                                        | Methyl ethyl ketone [MEK]      | 78-93-3    | E611D  | 3.20 mg/kg               | 2.56 mg/kg | 125          | 50.0                | 140  | ----      |
|                                             |                                        | Methyl isobutyl ketone [MIBK]  | 108-10-1   | E611D  | 2.90 mg/kg               | 2.56 mg/kg | 113          | 50.0                | 140  | ----      |
|                                             |                                        | Methyl-tert-butyl ether [MTBE] | 1634-04-4  | E611D  | 2.63 mg/kg               | 2.56 mg/kg | 103          | 50.0                | 140  | ----      |
|                                             |                                        | Styrene                        | 100-42-5   | E611D  | 2.68 mg/kg               | 2.56 mg/kg | 104          | 50.0                | 140  | ----      |
|                                             |                                        | Tetrachloroethane, 1,1,1,2-    | 630-20-6   | E611D  | 2.81 mg/kg               | 2.56 mg/kg | 109          | 50.0                | 140  | ----      |
|                                             |                                        | Tetrachloroethane, 1,1,2,2-    | 79-34-5    | E611D  | 3.39 mg/kg               | 2.56 mg/kg | 132          | 50.0                | 140  | ----      |
|                                             |                                        | Tetrachloroethylene            | 127-18-4   | E611D  | 2.68 mg/kg               | 2.56 mg/kg | 104          | 50.0                | 140  | ----      |
|                                             |                                        | Toluene                        | 108-88-3   | E611D  | 2.91 mg/kg               | 2.56 mg/kg | 114          | 50.0                | 140  | ----      |
|                                             |                                        | Trichloroethane, 1,1,1-        | 71-55-6    | E611D  | 2.69 mg/kg               | 2.56 mg/kg | 105          | 50.0                | 140  | ----      |
|                                             |                                        | Trichloroethane, 1,1,2-        | 79-00-5    | E611D  | 2.93 mg/kg               | 2.56 mg/kg | 114          | 50.0                | 140  | ----      |
|                                             |                                        | Trichloroethylene              | 79-01-6    | E611D  | 2.89 mg/kg               | 2.56 mg/kg | 113          | 50.0                | 140  | ----      |



| Sub-Matrix: Soil/Solid                                  |                                        |                           |             |           | Matrix Spike (MS) Report |             |              |                     |      |           |
|---------------------------------------------------------|----------------------------------------|---------------------------|-------------|-----------|--------------------------|-------------|--------------|---------------------|------|-----------|
|                                                         |                                        |                           |             |           | Spike                    |             | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                    | Client sample ID                       | Analyte                   | CAS Number  | Method    | Concentration            | Target      | MS           | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2076923) - continued |                                        |                           |             |           |                          |             |              |                     |      |           |
| WT2516796-002                                           | S-12669624-23/06/25-RB-M<br>W25-18-0-2 | Trichlorofluoromethane    | 75-69-4     | E611D     | 2.77 mg/kg               | 2.56 mg/kg  | 108          | 50.0                | 140  | ----      |
|                                                         |                                        | Vinyl chloride            | 75-01-4     | E611D     | 2.94 mg/kg               | 2.56 mg/kg  | 115          | 50.0                | 140  | ----      |
|                                                         |                                        | Xylene, m+p-              | 179601-23-1 | E611D     | 5.57 mg/kg               | 5.13 mg/kg  | 109          | 50.0                | 140  | ----      |
|                                                         |                                        | Xylene, o-                | 95-47-6     | E611D     | 2.76 mg/kg               | 2.56 mg/kg  | 107          | 50.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2076687)                           |                                        |                           |             |           |                          |             |              |                     |      |           |
| WT2514505-001                                           | Anonymous                              | F2 (C10-C16)              | ----        | E601.SG-L | 570 mg/kg                | 561 mg/kg   | 102          | 60.0                | 140  | ----      |
|                                                         |                                        | F3 (C16-C34)              | ----        | E601.SG-L | 1330 mg/kg               | 1160 mg/kg  | 115          | 60.0                | 140  | ----      |
|                                                         |                                        | F4 (C34-C50)              | ----        | E601.SG-L | 735 mg/kg                | 626 mg/kg   | 117          | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2076924)                           |                                        |                           |             |           |                          |             |              |                     |      |           |
| WT2516796-002                                           | S-12669624-23/06/25-RB-M<br>W25-18-0-2 | F1 (C6-C10)               | ----        | E581.F1   | 49.8 mg/kg               | 51.3 mg/kg  | 97.1         | 60.0                | 140  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2076686)       |                                        |                           |             |           |                          |             |              |                     |      |           |
| WT2514505-001                                           | Anonymous                              | Acenaphthene              | 83-32-9     | E641A     | 0.372 mg/kg              | 0.418 mg/kg | 89.1         | 50.0                | 140  | ----      |
|                                                         |                                        | Acenaphthylene            | 208-96-8    | E641A     | 0.378 mg/kg              | 0.418 mg/kg | 90.4         | 50.0                | 140  | ----      |
|                                                         |                                        | Anthracene                | 120-12-7    | E641A     | 0.366 mg/kg              | 0.418 mg/kg | 87.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Benz(a)anthracene         | 56-55-3     | E641A     | 0.329 mg/kg              | 0.418 mg/kg | 78.7         | 50.0                | 140  | ----      |
|                                                         |                                        | Benzo(a)pyrene            | 50-32-8     | E641A     | 0.351 mg/kg              | 0.418 mg/kg | 83.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Benzo(b+j)fluoranthene    | n/a         | E641A     | 0.350 mg/kg              | 0.418 mg/kg | 83.7         | 50.0                | 140  | ----      |
|                                                         |                                        | Benzo(g,h,i)perylene      | 191-24-2    | E641A     | 0.337 mg/kg              | 0.418 mg/kg | 80.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Benzo(k)fluoranthene      | 207-08-9    | E641A     | 0.338 mg/kg              | 0.418 mg/kg | 81.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Chrysene                  | 218-01-9    | E641A     | 0.366 mg/kg              | 0.418 mg/kg | 87.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Dibenz(a,h)anthracene     | 53-70-3     | E641A     | 0.355 mg/kg              | 0.418 mg/kg | 85.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Fluoranthene              | 206-44-0    | E641A     | 0.362 mg/kg              | 0.418 mg/kg | 86.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Fluorene                  | 86-73-7     | E641A     | 0.369 mg/kg              | 0.418 mg/kg | 88.4         | 50.0                | 140  | ----      |
|                                                         |                                        | Indeno(1,2,3-c,d)pyrene   | 193-39-5    | E641A     | 0.349 mg/kg              | 0.418 mg/kg | 83.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Methylnaphthalene, 1-     | 90-12-0     | E641A     | 0.368 mg/kg              | 0.418 mg/kg | 87.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Methylnaphthalene, 2-     | 91-57-6     | E641A     | 0.378 mg/kg              | 0.418 mg/kg | 90.5         | 50.0                | 140  | ----      |
|                                                         |                                        | Naphthalene               | 91-20-3     | E641A     | 0.374 mg/kg              | 0.418 mg/kg | 89.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Phenanthrene              | 85-01-8     | E641A     | 0.342 mg/kg              | 0.418 mg/kg | 81.7         | 50.0                | 140  | ----      |
|                                                         |                                        | Pyrene                    | 129-00-0    | E641A     | 0.349 mg/kg              | 0.418 mg/kg | 83.5         | 50.0                | 140  | ----      |
| Organochlorine Pesticides (QCLot: 2077970)              |                                        |                           |             |           |                          |             |              |                     |      |           |
| WT2516796-002                                           | S-12669624-23/06/25-RB-M<br>W25-18-0-2 | Aldrin                    | 309-00-2    | E660F-L   | 0.00485 mg/kg            | 0.01 mg/kg  | 48.1         | 50.0                | 150  | K         |
|                                                         |                                        | Chlordane, cis- (alpha)   | 5103-71-9   | E660F-L   | 0.00571 mg/kg            | 0.01 mg/kg  | 56.6         | 50.0                | 150  | ----      |
|                                                         |                                        | Chlordane, trans- (gamma) | 5103-74-2   | E660F-L   | 0.00524 mg/kg            | 0.01 mg/kg  | 52.0         | 50.0                | 150  | ----      |
|                                                         |                                        | DDD, 2,4'-                | 53-19-0     | E660F-L   | 0.00742 mg/kg            | 0.01 mg/kg  | 73.6         | 50.0                | 150  | ----      |
|                                                         |                                        | DDD, 4,4'-                | 72-54-8     | E660F-L   | 0.00908 mg/kg            | 0.01 mg/kg  | 90.0         | 50.0                | 150  | ----      |
|                                                         |                                        | DDE, 2,4'-                | 3424-82-6   | E660F-L   | 0.00653 mg/kg            | 0.01 mg/kg  | 64.8         | 50.0                | 150  | ----      |
|                                                         |                                        | DDE, 4,4'-                | 72-55-9     | E660F-L   | 0.00668 mg/kg            | 0.01 mg/kg  | 66.3         | 50.0                | 150  | ----      |
|                                                         |                                        | DDT, 2,4'-                | 789-02-6    | E660F-L   | 0.00516 mg/kg            | 0.01 mg/kg  | 51.2         | 50.0                | 150  | ----      |
|                                                         |                                        | DDT, 4,4'-                | 50-29-3     | E660F-L   | 0.00460 mg/kg            | 0.01 mg/kg  | 45.6         | 50.0                | 150  | K         |
|                                                         |                                        | Dieldrin                  | 60-57-1     | E660F-L   | 0.00604 mg/kg            | 0.01 mg/kg  | 59.9         | 50.0                | 150  | ----      |
|                                                         |                                        | Endosulfan, alpha-        | 959-98-8    | E660F-L   | 0.00545 mg/kg            | 0.01 mg/kg  | 54.0         | 50.0                | 150  | ----      |



| Sub-Matrix: Soil/Solid                                 |                                        |                               |            |         | Matrix Spike (MS) Report |            |              |                     |      |           |
|--------------------------------------------------------|----------------------------------------|-------------------------------|------------|---------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                                        |                                        |                               |            |         | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                   | Client sample ID                       | Analyte                       | CAS Number | Method  | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Organochlorine Pesticides (QCLot: 2077970) - continued |                                        |                               |            |         |                          |            |              |                     |      |           |
| WT2516796-002                                          | S-12669624-23/06/25-RB-M<br>W25-18-0-2 | Endosulfan, beta-             | 33213-65-9 | E660F-L | 0.00628 mg/kg            | 0.01 mg/kg | 62.3         | 50.0                | 150  | ----      |
|                                                        |                                        | Endrin                        | 72-20-8    | E660F-L | 0.0113 mg/kg             | 0.01 mg/kg | 112          | 50.0                | 150  | ----      |
|                                                        |                                        | Heptachlor                    | 76-44-8    | E660F-L | 0.00631 mg/kg            | 0.01 mg/kg | 62.6         | 50.0                | 150  | ----      |
|                                                        |                                        | Heptachlor epoxide            | 1024-57-3  | E660F-L | 0.00465 mg/kg            | 0.01 mg/kg | 46.1         | 50.0                | 150  | K         |
|                                                        |                                        | Hexachlorobenzene             | 118-74-1   | E660F-L | 0.00672 mg/kg            | 0.01 mg/kg | 66.6         | 50.0                | 150  | ----      |
|                                                        |                                        | Hexachlorobutadiene           | 87-68-3    | E660F-L | 0.00896 mg/kg            | 0.01 mg/kg | 88.9         | 50.0                | 150  | ----      |
|                                                        |                                        | Hexachlorocyclohexane, gamma- | 58-89-9    | E660F-L | 0.00632 mg/kg            | 0.01 mg/kg | 62.7         | 50.0                | 150  | ----      |
|                                                        |                                        | Hexachloroethane              | 67-72-1    | E660F-L | 0.00685 mg/kg            | 0.01 mg/kg | 67.9         | 50.0                | 150  | ----      |
|                                                        |                                        | Methoxychlor                  | 72-43-5    | E660F-L | 0.00596 mg/kg            | 0.01 mg/kg | 59.2         | 50.0                | 150  | ----      |

Qualifiers

| Qualifier | Description                                                         |
|-----------|---------------------------------------------------------------------|
| K         | Matrix Spike recovery outside ALS DQO due to sample matrix effects. |





Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

Sub-Matrix:

| Sub-Matrix:                       |                       |                                     |            |        | Reference Material (RM) Report |                    |                     |      |           |
|-----------------------------------|-----------------------|-------------------------------------|------------|--------|--------------------------------|--------------------|---------------------|------|-----------|
|                                   |                       |                                     |            |        | RM Target<br>Concentration     | Recovery (%)<br>RM | Recovery Limits (%) |      | Qualifier |
| Laboratory<br>sample ID           | Reference Material ID | Analyte                             | CAS Number | Method |                                |                    | Low                 | High |           |
| Physical Tests (QCLot: 2076682)   |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2076682-003                    | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 91.9               | 70.0                | 130  | ----      |
| Physical Tests (QCLot: 2078204)   |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2078204-003                    | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 91.3               | 70.0                | 130  | ----      |
| Physical Tests (QCLot: 2078260)   |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2078260-001                    | RM                    | Oxidation-reduction potential [ORP] | ----       | E125   | 475 mV                         | 101                | 90.0                | 110  | ----      |
| Metals (QCLot: 2076681)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2076681-003                    | RM                    | Calcium, soluble ion content        | 7440-70-2  | E484   | 169 mg/L                       | 91.9               | 70.0                | 130  | ----      |
| QC-2076681-003                    | RM                    | Magnesium, soluble ion content      | 7439-95-4  | E484   | 60.4 mg/L                      | 91.6               | 70.0                | 130  | ----      |
| QC-2076681-003                    | RM                    | Sodium, soluble ion content         | 17341-25-2 | E484   | 107 mg/L                       | 92.7               | 70.0                | 130  | ----      |
| Metals (QCLot: 2076683)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2076683-003                    | RM                    | Boron, hot water soluble            | 7440-42-8  | E487   | 1.82 mg/kg                     | 112                | 60.0                | 140  | ----      |
| Metals (QCLot: 2076684)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2076684-003                    | RM                    | Mercury                             | 7439-97-6  | E510C  | 0.068 mg/kg                    | 102                | 70.0                | 130  | ----      |
| Metals (QCLot: 2076685)           |                       |                                     |            |        |                                |                    |                     |      |           |
| QC-2076685-003                    | RM                    | Antimony                            | 7440-36-0  | E440C  | 24.8 mg/kg                     | 97.3               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Arsenic                             | 7440-38-2  | E440C  | 21.2 mg/kg                     | 99.8               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Barium                              | 7440-39-3  | E440C  | 788 mg/kg                      | 102                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Beryllium                           | 7440-41-7  | E440C  | 1.82 mg/kg                     | 98.3               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Cadmium                             | 7440-43-9  | E440C  | 2.15 mg/kg                     | 102                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Chromium                            | 7440-47-3  | E440C  | 56.9 mg/kg                     | 103                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Cobalt                              | 7440-48-4  | E440C  | 32 mg/kg                       | 101                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Copper                              | 7440-50-8  | E440C  | 969 mg/kg                      | 108                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Lead                                | 7439-92-1  | E440C  | 919 mg/kg                      | 99.4               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Molybdenum                          | 7439-98-7  | E440C  | 25.1 mg/kg                     | 101                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Nickel                              | 7440-02-0  | E440C  | 1000 mg/kg                     | 105                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Selenium                            | 7782-49-2  | E440C  | 1.04 mg/kg                     | 108                | 60.0                | 140  | ----      |
| QC-2076685-003                    | RM                    | Silver                              | 7440-22-4  | E440C  | 8.98 mg/kg                     | 99.9               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Thallium                            | 7440-28-0  | E440C  | 0.907 mg/kg                    | 98.4               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Uranium                             | 7440-61-1  | E440C  | 3.97 mg/kg                     | 95.5               | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Vanadium                            | 7440-62-2  | E440C  | 66.2 mg/kg                     | 102                | 70.0                | 130  | ----      |
| QC-2076685-003                    | RM                    | Zinc                                | 7440-66-6  | E440C  | 828 mg/kg                      | 99.5               | 70.0                | 130  | ----      |
| Speciated Metals (QCLot: 2076679) |                       |                                     |            |        |                                |                    |                     |      |           |



| Sub-Matrix:                                   |                       |                               |            |          | Reference Material (RM) Report |                    |                     |      |           |
|-----------------------------------------------|-----------------------|-------------------------------|------------|----------|--------------------------------|--------------------|---------------------|------|-----------|
|                                               |                       |                               |            |          | RM Target<br>Concentration     | Recovery (%)<br>RM | Recovery Limits (%) |      | Qualifier |
|                                               |                       |                               |            |          |                                |                    | Low                 | High |           |
| Laboratory<br>sample ID                       | Reference Material ID | Analyte                       | CAS Number | Method   |                                |                    |                     |      |           |
| Speciated Metals (QCLot: 2076679) - continued |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2076679-003                                | RM                    | Chromium, hexavalent [Cr VI]  | 18540-29-9 | E532     | 172 mg/kg                      | 90.3               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083191) |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2083191-003                                | RM                    | Chloride, soluble ion content | 16887-00-6 | E236.Cl  | 382 mg/kg                      | 96.0               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2083192) |                       |                               |            |          |                                |                    |                     |      |           |
| QC-2083192-003                                | RM                    | Sulfate, soluble ion content  | 14808-79-8 | E236.SO4 | 647 mg/kg                      | 95.0               | 70.0                | 130  | ----      |





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# Chain of Custody (COC) / Analytical Request Form

COC Number: 20

Page

Environmental Division  
Waterloo  
Work Order Reference  
**WT2516796**

Telephone: +1 519 886 6910

| Report To                                                                                                 |                                                                                                 | Reports / Recipients                                                                                                                                      |                 | Turnaround Time (TAT) Requested                                                                                                                                                                     |                           |                              |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|
| Contact and company name below will appear on the final report                                            |                                                                                                 | Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL) |                 | <input checked="" type="checkbox"/> Routine [R] if received by 3pm M-F - no surcharges apply                                                                                                        |                           |                              |
| Company:                                                                                                  | GHD Ltd. (Acct GHDL100)                                                                         | Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A                            |                 | <input type="checkbox"/> 1 day [P4] if received by 3pm M-F - 20% rush surcharge minimum                                                                                                             |                           |                              |
| Contact:                                                                                                  | Jennifer Balkwill                                                                               | <input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked                                                     |                 | <input type="checkbox"/> 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum                                                                                                             |                           |                              |
| Phone:                                                                                                    | 519-884-0510                                                                                    | Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                                 |                 | <input type="checkbox"/> 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum                                                                                                             |                           |                              |
| Company address below will appear on the final report                                                     |                                                                                                 | Email 1 or Fax Jennifer.Balkwill@ghd.com                                                                                                                  |                 | <input type="checkbox"/> 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum                                                                                                             |                           |                              |
| Street:                                                                                                   | 455 Phillip St.                                                                                 | Email 2 See SSOW/PO                                                                                                                                       |                 | <input type="checkbox"/> Same day [E2] if received by 10am M-S - 200% rush surcharge. At fees may apply to rush requests on weekends, statutory holidays and routine tests                          |                           |                              |
| City/Province:                                                                                            | Waterloo, ON                                                                                    | Email 3                                                                                                                                                   |                 | Date and Time Required for all E&P TATs:                                                                                                                                                            |                           |                              |
| Postal Code:                                                                                              | N2L 3X2                                                                                         | Invoice Recipients                                                                                                                                        |                 | For tests that can not be performed according to the TAT requested, you will be contacted.                                                                                                          |                           |                              |
| Invoice To                                                                                                | Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO           | Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                         |                 | Analysis Request                                                                                                                                                                                    |                           |                              |
|                                                                                                           | Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Email 1 or Fax accountspayableCDN@ghd.com                                                                                                                 |                 | Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below                                                                                                                          |                           |                              |
| Company:                                                                                                  | GHD Ltd. (GHDL100)                                                                              | Email 2                                                                                                                                                   |                 | NUMBER OF CONTAINERS                                                                                                                                                                                |                           |                              |
| Contact:                                                                                                  |                                                                                                 | Oil and Gas Required Fields (client use)                                                                                                                  |                 | O. Reg. 153/04 Metals and Inorganic                                                                                                                                                                 |                           |                              |
| Project Information                                                                                       |                                                                                                 | AFE/Cost Center: PO#                                                                                                                                      |                 | OC Pesticides                                                                                                                                                                                       |                           |                              |
| ALS Account # / Quote #:                                                                                  | WT2025GHDL1000081                                                                               | Major/Minor Code: Routing Code:                                                                                                                           |                 | Corrosivity                                                                                                                                                                                         |                           |                              |
| Job #:                                                                                                    | 12669624-120.120.10                                                                             | Requisitioner:                                                                                                                                            |                 | MeOH Trip blank (VOC)                                                                                                                                                                               |                           |                              |
| PO / AFE:                                                                                                 |                                                                                                 | Location:                                                                                                                                                 |                 | VOC / FI - F4                                                                                                                                                                                       |                           |                              |
| LSD:                                                                                                      |                                                                                                 | ALS Contact: Rick H                                                                                                                                       |                 | PAH'S                                                                                                                                                                                               |                           |                              |
| ALS Lab Work Order # (lab use only):                                                                      | WT2516796                                                                                       | Sampler:                                                                                                                                                  |                 | SAMPLES ON HOLD                                                                                                                                                                                     |                           |                              |
| Sample Identification and/or Coordinates<br>(This description will appear on the report)                  |                                                                                                 | Date<br>(dd-mm-yy)                                                                                                                                        | Time<br>(hh:mm) | Sample Type                                                                                                                                                                                         | EXTENDED STORAGE REQUIRED | SUSPECTED HAZARD (see notes) |
| TRIP BLANK                                                                                                |                                                                                                 | June 24, 2025                                                                                                                                             | AM              | Vial                                                                                                                                                                                                |                           |                              |
| S-12669624-23/06/25-RB-MW25-18-0'-2'                                                                      |                                                                                                 | June 23, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-23/06/25-RB-MW25-18-2.5'-4.5'                                                                  |                                                                                                 | June 23, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-23/06/25-RB-MW25-18-5'-7'                                                                      |                                                                                                 | June 23, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-DUP 3                                                                              |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-DUP 4                                                                              |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-BH25-17-0'-2'                                                                      |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-BH25-17-2.5'-4.5'                                                                  |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-BH25-17-5'-7'                                                                      |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-BH25-15-0'-2'                                                                      |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-BH25-15-2.5'-4.5'                                                                  |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| S-12669624-24/06/25-RB-BH25-15-5'-7'                                                                      |                                                                                                 | June 24, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                           |                              |
| Drinking Water (DW) Samples <sup>1</sup> (client use)                                                     |                                                                                                 | Notes / Specify Limits for result evaluation by selecting from drop-down below<br>(Excel COC only)                                                        |                 | SAMPLE RECEIPT DETAILS (lab use only)                                                                                                                                                               |                           |                              |
| Are samples taken from a Regulated DW System?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |                                                                                                 |                                                                                                                                                           |                 | Cooling Method: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> ICE <input type="checkbox"/> ICE PACKS <input type="checkbox"/> FROZEN <input type="checkbox"/> COOLING INITIATED |                           |                              |
| Are samples for human consumption/ use?<br><input type="checkbox"/> YES <input type="checkbox"/> NO       |                                                                                                 |                                                                                                                                                           |                 | Submission Comments identified on Sample Receipt Notification: <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                             |                           |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | Cooler Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A Sample Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A |                           |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | INITIAL COOLER TEMPERATURES °C                                                                                                                                                                      |                           |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | FINAL COOLER TEMPERATURES °C                                                                                                                                                                        |                           |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | 6.6 5.4 6.5                                                                                                                                                                                         |                           |                              |
| SHIPMENT RELEASE (client use)                                                                             |                                                                                                 | INITIAL SHIPMENT RECEPTION (lab use only)                                                                                                                 |                 | FINAL SHIPMENT RECEPTION (lab use only)                                                                                                                                                             |                           |                              |
| Released by: Smeer B.                                                                                     |                                                                                                 | Received by: AM                                                                                                                                           |                 | Received by: AG                                                                                                                                                                                     |                           |                              |
| Date: June 25, 2025                                                                                       |                                                                                                 | Date: 06/25/25                                                                                                                                            |                 | Date: 6/25/25                                                                                                                                                                                       |                           |                              |
| Time: 9:37AM                                                                                              |                                                                                                 | Time: 9:40                                                                                                                                                |                 | Time: 17:50                                                                                                                                                                                         |                           |                              |

BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.  
After samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.





## COC Number: 20 -

Canada Toll Free: 1 800 668 9878

Page 2 of 2

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY      YELLOW - CLIENT COPY

AUGUST 2020 EPOCH

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

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**CERTIFICATE OF ANALYSIS**

---

|                                |                                                    |                              |                                                           |
|--------------------------------|----------------------------------------------------|------------------------------|-----------------------------------------------------------|
| <b>Work Order</b>              | : <b>WT2516797</b>                                 | <b>Page</b>                  | : 1 of 3                                                  |
| <b>Amendment</b>               | : <b>1</b>                                         |                              |                                                           |
| <b>Client</b>                  | : <b>GHD Limited</b>                               | <b>Laboratory</b>            | : ALS Environmental - Waterloo                            |
| <b>Contact</b>                 | : Joeline Chan                                     | <b>Account Manager</b>       | : Rick Hawthorne                                          |
| <b>Address</b>                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | <b>Address</b>               | : 60 Northland Road, Unit 1<br>Waterloo ON Canada N2V 2B8 |
| <b>Telephone</b>               | : ----                                             | <b>Telephone</b>             | : +1 519 886 6910                                         |
| <b>Project</b>                 | : 12669624-120.120.10                              | <b>Date Samples Received</b> | : 25-Jun-2025 09:40                                       |
| <b>PO</b>                      | : 735-014194-1                                     | <b>Date Analysis</b>         | : 27-Jun-2025                                             |
|                                |                                                    | <b>Commenced</b>             |                                                           |
| <b>C-O-C number</b>            | : ----                                             | <b>Issue Date</b>            | : 16-Jul-2025 08:44                                       |
| <b>Sampler</b>                 | : ----                                             |                              |                                                           |
| <b>Site</b>                    | : ----                                             |                              |                                                           |
| <b>Quote number</b>            | : 12669624-ExC-01-ALS-June<br>2025-PO-735-014194-1 |                              |                                                           |
| <b>No. of samples received</b> | : 1                                                |                              |                                                           |
| <b>No. of samples analysed</b> | : 1                                                |                              |                                                           |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

---

**Signatories**

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i> | <i>Position</i>        | <i>Laboratory Department</i>  |
|--------------------|------------------------|-------------------------------|
| Angela Fleming     | Supervisor - Inorganic | Inorganics, Waterloo, Ontario |
| Angela Fleming     | Supervisor - Inorganic | Metals, Waterloo, Ontario     |
| David Tremblett    | VOC Section Supervisor | VOC, Waterloo, Ontario        |
| Robert Braun       | Soils Team Supervisor  | Inorganics, Waterloo, Ontario |



## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances  
LOR: Limit of Reporting (detection limit).  
Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.  
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

| Unit     | Description          |
|----------|----------------------|
| µg/L     | micrograms per litre |
| mg/L     | milligrams per litre |
| pH units | pH units             |

>: greater than.

<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

## Workorder Comments

Amendment (16-JULY-2025): This report has been amended to include requested guideline(s). All analysis results are as per the previous report. TCLP SCHED 4





## Analytical Results

WT2516797-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-TCLP

Client sampling date / time: 24-Jun-2025

| Analyte                              | CAS Number | Result  | LOR    | Unit     | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|---------|--------|----------|--------------|-------------|---------------|---------|
| TCLP Anions & Nutrients              |            |         |        |          |              |             |               |         |
| Nitrate + Nitrite (as N), TCLP       | ----       | <7.50   | 7.5    | mg/L     | EC240.N+N/WT | -           | 02-Jul-2025   | -       |
| TCLP Extractables                    |            |         |        |          |              |             |               |         |
| Cyanide, weak acid dissociable, TCLP | ----       | <0.10   | 0.10   | mg/L     | E337A/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082276 |
| Fluoride, TCLP                       | 16984-48-8 | <10     | 10     | mg/L     | E240.F/WT    | 30-Jun-2025 | 30-Jun-2025   | 2082651 |
| Nitrate (as N), TCLP                 | 14797-55-8 | <5.0    | 5.0    | mg/L     | E240.NO3/WT  | 30-Jun-2025 | 30-Jun-2025   | 2082652 |
| Nitrite (as N), TCLP                 | 14797-65-0 | <5.0    | 5.0    | mg/L     | E240.NO2/WT  | 30-Jun-2025 | 30-Jun-2025   | 2082653 |
| TCLP Metals                          |            |         |        |          |              |             |               |         |
| Arsenic, TCLP                        | 7440-38-2  | <1.0    | 1.0    | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Barium, TCLP                         | 7440-39-3  | <2.5    | 2.5    | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Boron, TCLP                          | 7440-42-8  | <0.50   | 0.50   | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Cadmium, TCLP                        | 7440-43-9  | <0.050  | 0.050  | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Chromium, TCLP                       | 7440-47-3  | <0.25   | 0.25   | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Lead, TCLP                           | 7439-92-1  | <0.25   | 0.25   | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Mercury, TCLP                        | 7439-97-6  | <0.0010 | 0.0010 | mg/L     | E512/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082210 |
| pH, TCLP 1st preliminary             | ----       | 9.71    | 0.010  | pH units | EPP444/WT    | -           | 27-Jun-2025   | -       |
| pH, TCLP 2nd preliminary             | ----       | 6.14    | 0.010  | pH units | EPP444/WT    | -           | 27-Jun-2025   | -       |
| pH, TCLP extraction fluid initial    | ----       | 2.86    | 0.010  | pH units | EPP444/WT    | -           | 27-Jun-2025   | -       |
| pH, TCLP final                       | ----       | 5.87    | 0.010  | pH units | EPP444/WT    | -           | 27-Jun-2025   | -       |
| Selenium, TCLP                       | 7782-49-2  | <0.10   | 0.10   | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Silver, TCLP                         | 7440-22-4  | <0.050  | 0.050  | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| Uranium, TCLP                        | 7440-61-1  | <0.20   | 0.20   | mg/L     | E444/WT      | 30-Jun-2025 | 30-Jun-2025   | 2082109 |
| TCLP VOCs                            |            |         |        |          |              |             |               |         |
| Benzene, TCLP                        | 71-43-2    | <0.0050 | 0.0050 | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Carbon tetrachloride, TCLP           | 56-23-5    | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Chlorobenzene, TCLP                  | 108-90-7   | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Chloroform, TCLP                     | 67-66-3    | <0.10   | 0.10   | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Dichlorobenzene, 1,2-, TCLP          | 95-50-1    | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Dichlorobenzene, 1,4-, TCLP          | 106-46-7   | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Dichloroethane, 1,2-, TCLP           | 107-06-2   | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Dichloroethylene, 1,1-, TCLP         | 75-35-4    | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Dichloromethane, TCLP                | 75-09-2    | <0.10   | 0.10   | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Methyl ethyl ketone [MEK], TCLP      | 78-93-3    | <0.10   | 0.10   | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Tetrachloroethylene, TCLP            | 127-18-4   | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Trichloroethylene, TCLP              | 79-01-6    | <0.025  | 0.025  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Vinyl chloride, TCLP                 | 75-01-4    | <0.050  | 0.050  | mg/L     | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| TCLP VOCs Surrogates                 |            |         |        |          |              |             |               |         |
| Bromofluorobenzene, 4-, TCLP         | 460-00-4   | 93.0    | 1.0    | %        | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |
| Difluorobenzene, 1,4-, TCLP          | 540-36-3   | 95.7    | 1.0    | %        | E615B/WT     | 29-Jun-2025 | 29-Jun-2025   | 2081828 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.



## QUALITY CONTROL INTERPRETIVE REPORT

|                         |                                                    |                       |                                                                 |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------------|
| Work Order              | : WT2516797                                        | Page                  | : 1 of 7                                                        |
| Amendment               | : 1                                                |                       |                                                                 |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 25-Jun-2025 09:40                                             |
| PO                      | : 735-014194-1                                     | Issue Date            | : 16-Jul-2025 08:44                                             |
| C-O-C number            | : ----                                             |                       |                                                                 |
| Sampler                 | : ----                                             |                       |                                                                 |
| Site                    | : ----                                             |                       |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                       |                                                                 |
| No. of samples received | : 1                                                |                       |                                                                 |
| No. of samples analysed | : 1                                                |                       |                                                                 |

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

### Key

**Anonymous:** Refers to samples which are not part of this work order, but which formed part of the QC process lot.

**CAS Number:** Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

**DQO:** Data Quality Objective.

**LOR:** Limit of Reporting (detection limit).

**RPD:** Relative Percent Difference.

### Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

### Summary of Outliers

#### Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

#### Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- No Analysis Holding Time Outliers exist.

### ***Outliers : Frequency of Quality Control Samples***

- No Quality Control Sample Frequency Outliers occur.



## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                       | Method   | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-----------------------------------------------------------------------------------------|----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                         |          |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                         |          |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| TCLP Extractables : Fluoride by IC (TCLP)                                               |          |               |                          |               |        |      |               |               |        |      |
| HDPE [ON MECP]<br>S-12669624-24/06/25-RB-TCLP                                           | E240.F   | 27-Jun-2025   | 30-Jun-2025              | 31 days       | 6 days | ✓    | 30-Jun-2025   | 31 days       | 6 days | ✓    |
| TCLP Extractables : Nitrate by IC (TCLP)                                                |          |               |                          |               |        |      |               |               |        |      |
| HDPE [ON MECP]<br>S-12669624-24/06/25-RB-TCLP                                           | E240.NO3 | 27-Jun-2025   | 30-Jun-2025              | 10 days       | 6 days | ✓    | 30-Jun-2025   | 10 days       | 6 days | ✓    |
| TCLP Extractables : Nitrite by IC (TCLP)                                                |          |               |                          |               |        |      |               |               |        |      |
| HDPE [ON MECP]<br>S-12669624-24/06/25-RB-TCLP                                           | E240.NO2 | 27-Jun-2025   | 30-Jun-2025              | 10 days       | 6 days | ✓    | 30-Jun-2025   | 10 days       | 6 days | ✓    |
| TCLP Extractables : WAD Cyanide (TCLP)                                                  |          |               |                          |               |        |      |               |               |        |      |
| HDPE-Total (Lab Preserved)<br>S-12669624-24/06/25-RB-TCLP                               | E337A    | 27-Jun-2025   | 30-Jun-2025              | 17 days       | 6 days | ✓    | 30-Jun-2025   | 17 days       | 6 days | ✓    |
| TCLP Metals : Mercury by CVAAS (TCLP)                                                   |          |               |                          |               |        |      |               |               |        |      |
| Glass vial - total (lab preserved)<br>S-12669624-24/06/25-RB-TCLP                       | E512     | 27-Jun-2025   | 30-Jun-2025              | 31 days       | 6 days | ✓    | 30-Jun-2025   | 31 days       | 6 days | ✓    |
| TCLP Metals : Metals by CRC ICPMS (TCLP)                                                |          |               |                          |               |        |      |               |               |        |      |
| HDPE - total (lab preserved)<br>S-12669624-24/06/25-RB-TCLP                             | E444     | 27-Jun-2025   | 30-Jun-2025              | 183 days      | 6 days | ✓    | 30-Jun-2025   | 183 days      | 6 days | ✓    |
| TCLP Metals : TCLP Leachate Preparation (Metals, Inorganics, and SVOCs)                 |          |               |                          |               |        |      |               |               |        |      |
| Lab Split - Non-Volatile Leach: 14 day HT (e.g. CN,SVOC)<br>S-12669624-24/06/25-RB-TCLP | EPP444   | 24-Jun-2025   | 27-Jun-2025              | ----          | ----   |      | ----          | 14 days       | 3 days | ✓    |

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Matrix: **Soil/Solid**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                            |  | Method | Sampling Date | Extraction / Preparation |               |        | Analysis |               |               |        |      |  |  |
|--------------------------------------------------------------|--|--------|---------------|--------------------------|---------------|--------|----------|---------------|---------------|--------|------|--|--|
| Container / Client Sample ID(s)                              |  |        |               | Preparation Date         | Holding Times |        | Eval     | Analysis Date | Holding Times |        | Eval |  |  |
|                                                              |  |        |               |                          | Rec           | Actual |          |               | Rec           | Actual |      |  |  |
| TCLP VOCs : VOCs by Headspace GC-MS (TCLP)                   |  |        |               |                          |               |        |          |               |               |        |      |  |  |
| Glass vial (sodium bisulfate)<br>S-12669624-24/06/25-RB-TCLP |  | E615B  | 27-Jun-2025   | 29-Jun-2025              | 17 days       | 6 days | ✓        | 29-Jun-2025   | 17 days       | 6 days | ✓    |  |  |

**Legend & Qualifier Definitions**

Rec. HT: ALS recommended hold time (see units).



## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type      |          |          | Count |         | Frequency (%) |          |            |
|----------------------------------|----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods               | Method   | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Duplicates (DUP)      |          |          |       |         |               |          |            |
| Fluoride by IC (TCLP)            | E240.F   | 2082651  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrite by IC (TCLP)             | E240.NO2 | 2082653  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrate by IC (TCLP)             | E240.NO3 | 2082652  | 1     | 3       | 33.3          | 5.0      | ✓          |
| WAD Cyanide (TCLP)               | E337A    | 2082276  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Metals by CRC ICPMS (TCLP)       | E444     | 2082109  | 1     | 15      | 6.6           | 5.0      | ✓          |
| Mercury by CVAAS (TCLP)          | E512     | 2082210  | 1     | 14      | 7.1           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (TCLP)   | E615B    | 2081828  | 1     | 4       | 25.0          | 5.0      | ✓          |
| Laboratory Control Samples (LCS) |          |          |       |         |               |          |            |
| Fluoride by IC (TCLP)            | E240.F   | 2082651  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrite by IC (TCLP)             | E240.NO2 | 2082653  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrate by IC (TCLP)             | E240.NO3 | 2082652  | 1     | 3       | 33.3          | 5.0      | ✓          |
| WAD Cyanide (TCLP)               | E337A    | 2082276  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Metals by CRC ICPMS (TCLP)       | E444     | 2082109  | 1     | 15      | 6.6           | 5.0      | ✓          |
| Mercury by CVAAS (TCLP)          | E512     | 2082210  | 1     | 14      | 7.1           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (TCLP)   | E615B    | 2081828  | 1     | 4       | 25.0          | 5.0      | ✓          |
| Method Blanks (MB)               |          |          |       |         |               |          |            |
| Fluoride by IC (TCLP)            | E240.F   | 2082651  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrite by IC (TCLP)             | E240.NO2 | 2082653  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrate by IC (TCLP)             | E240.NO3 | 2082652  | 1     | 3       | 33.3          | 5.0      | ✓          |
| WAD Cyanide (TCLP)               | E337A    | 2082276  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Metals by CRC ICPMS (TCLP)       | E444     | 2082109  | 1     | 15      | 6.6           | 5.0      | ✓          |
| Mercury by CVAAS (TCLP)          | E512     | 2082210  | 1     | 14      | 7.1           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (TCLP)   | E615B    | 2081828  | 1     | 4       | 25.0          | 5.0      | ✓          |
| Matrix Spikes (MS)               |          |          |       |         |               |          |            |
| Fluoride by IC (TCLP)            | E240.F   | 2082651  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrite by IC (TCLP)             | E240.NO2 | 2082653  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Nitrate by IC (TCLP)             | E240.NO3 | 2082652  | 1     | 3       | 33.3          | 5.0      | ✓          |
| WAD Cyanide (TCLP)               | E337A    | 2082276  | 1     | 3       | 33.3          | 5.0      | ✓          |
| Metals by CRC ICPMS (TCLP)       | E444     | 2082109  | 1     | 15      | 6.6           | 5.0      | ✓          |
| Mercury by CVAAS (TCLP)          | E512     | 2082210  | 1     | 14      | 7.1           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (TCLP)   | E615B    | 2081828  | 1     | 4       | 25.0          | 5.0      | ✓          |



## Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                               | Method / Lab                              | Matrix     | Method Reference         | Method Descriptions                                                                                                                                                                                                                                                               |
|--------------------------------------------------|-------------------------------------------|------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fluoride by IC (TCLP)                            | E240.F<br>ALS Environmental - Waterloo    | Soil/Solid | EPA 1311/EPA 300.1 (mod) | Inorganic anions are analyzed by obtaining an extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311, which is then analyzed by Ion Chromatography with conductivity and/or UV detection.                                                      |
| Nitrite by IC (TCLP)                             | E240.NO2<br>ALS Environmental - Waterloo  | Soil/Solid | EPA 1311/EPA 300.1 (mod) | Inorganic anions are analyzed by obtaining an extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311, which is then analyzed by Ion Chromatography with conductivity and/or UV detection.                                                      |
| Nitrate by IC (TCLP)                             | E240.NO3<br>ALS Environmental - Waterloo  | Soil/Solid | EPA 1311/EPA 300.1 (mod) | Inorganic anions are analyzed by obtaining an extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311, which is then analyzed by Ion Chromatography with conductivity and/or UV detection.                                                      |
| WAD Cyanide (TCLP)                               | E337A<br>ALS Environmental - Waterloo     | Soil/Solid | APHA 4500-CN I (mod)     | Weak Acid Dissociable (WAD) cyanide is determined after extraction by Continuous Flow Analyzer (CFA) with in-line distillation followed by colourmetric analysis.                                                                                                                 |
| Metals by CRC ICPMS (TCLP)                       | E444<br>ALS Environmental - Waterloo      | Soil/Solid | EPA 1311/6020B (mod)     | An extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311 is analyzed by Collision/Reaction Cell ICPMS.                                                                                                                                        |
| Mercury by CVAAS (TCLP)                          | E512<br>ALS Environmental - Waterloo      | Soil/Solid | EPA 1311/245.1 (mod)     | An extract produced by the Toxicity Characteristic Leachate Procedure (TCLP) as per EPA 1311 is analyzed by CVAAS.                                                                                                                                                                |
| VOCs by Headspace GC-MS (TCLP)                   | E615B<br>ALS Environmental - Waterloo     | Soil/Solid | EPA 1311/8260D (mod)     | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law. |
| Nitrate and Nitrite (as N), (TCLP) (Calculation) | EC240.N+N<br>ALS Environmental - Waterloo | Soil/Solid | EPA 300.0                | Nitrate and Nitrite (as N) is a calculated parameter. Nitrate and Nitrite (as N) = Nitrite (as N) + Nitrate (as N).                                                                                                                                                               |

| Preparation Methods                            | Method / Lab                          | Matrix     | Method Reference | Method Descriptions                                                                                                                                                                                                                   |
|------------------------------------------------|---------------------------------------|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VOCs Preparation for Headspace Analysis (TCLP) | EP582<br>ALS Environmental - Waterloo | Soil/Solid | EPA 5021A (mod)  | Liquid obtained after the TCLP process is prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law. |

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| Preparation Methods                                       | Method / Lab                               | Matrix     | Method Reference | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------|--------------------------------------------|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLP Leachate Preparation (Metals, Inorganics, and SVOCs) | EPP444<br><br>ALS Environmental - Waterloo | Soil/Solid | EPA 1311         | Preparation of a Toxicity Characteristic Leaching Procedure (TCLP) solid sample involves particle size reduction, homogenization, then determination of appropriate extraction fluid. A measured portion of fresh subsample is placed in an extraction bottle with the appropriate extraction fluid then tumbled in a rotary extractor for 18+/- 2 hours at 23 +/- 2 C. The liquid leachate is filtered to separate from solids then bottled and prepared for analytical tests. |
| TCLP Leachate Preparation (VOCs)                          | EPP582<br><br>ALS Environmental - Waterloo | Soil/Solid | EPA 1311         | An extract produced by the Toxicity Characteristic Leaching Procedure (TCLP) as per EPA 1311.                                                                                                                                                                                                                                                                                                                                                                                   |



QUALITY CONTROL REPORT

|                         |                                                    |                         |                                                                 |
|-------------------------|----------------------------------------------------|-------------------------|-----------------------------------------------------------------|
| Work Order              | : WT2516797                                        | Page                    | : 1 of 10                                                       |
| Amendment               | : 1                                                |                         |                                                                 |
| Client                  | : GHD Limited                                      | Laboratory              | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager         | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address                 | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone               | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received   | : 25-Jun-2025 09:40                                             |
| PO                      | : 735-014194-1                                     | Date Analysis Commenced | : 27-Jun-2025                                                   |
| C-O-C number            | : ----                                             | Issue Date              | : 16-Jul-2025 08:44                                             |
| Sampler                 | : ----                                             |                         |                                                                 |
| Site                    | : ----                                             |                         |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                         |                                                                 |
| No. of samples received | : 1                                                |                         |                                                                 |
| No. of samples analysed | : 1                                                |                         |                                                                 |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| Signatories     | Position               | Laboratory Department                  |
|-----------------|------------------------|----------------------------------------|
| Angela Fleming  | Supervisor - Inorganic | Waterloo Inorganics, Waterloo, Ontario |
| Angela Fleming  | Supervisor - Inorganic | Waterloo Metals, Waterloo, Ontario     |
| David Tremblett | VOC Section Supervisor | Waterloo VOC, Waterloo, Ontario        |
| Robert Braun    | Soils Team Supervisor  | Waterloo Inorganics, Waterloo, Ontario |



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## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

### Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

# = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

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Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

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Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

| Sub-Matrix: Soil/Solid              |                              |                                      |            |          | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|-------------------------------------|------------------------------|--------------------------------------|------------|----------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                | Client sample ID             | Analyte                              | CAS Number | Method   | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| TCLP Extractables (QC Lot: 2082276) |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516797-001                       | S-12669624-24/06/25-RB-T CLP | Cyanide, weak acid dissociable, TCLP | ----       | E337A    | 0.10                              | mg/L | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
| TCLP Extractables (QC Lot: 2082651) |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516797-001                       | S-12669624-24/06/25-RB-T CLP | Fluoride, TCLP                       | 16984-48-8 | E240.F   | 10                                | mg/L | <10             | <10              | 0                    | Diff <2x LOR     | ----      |
| TCLP Extractables (QC Lot: 2082652) |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516797-001                       | S-12669624-24/06/25-RB-T CLP | Nitrate (as N), TCLP                 | 14797-55-8 | E240.NO3 | 5.0                               | mg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| TCLP Extractables (QC Lot: 2082653) |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516797-001                       | S-12669624-24/06/25-RB-T CLP | Nitrite (as N), TCLP                 | 14797-65-0 | E240.NO2 | 5.0                               | mg/L | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| TCLP Metals (QC Lot: 2082109)       |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516774-001                       | Anonymous                    | Arsenic, TCLP                        | 7440-38-2  | E444     | 1.0                               | mg/L | <1.0            | <1.0             | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Barium, TCLP                         | 7440-39-3  | E444     | 2.5                               | mg/L | <2.5            | <2.5             | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Boron, TCLP                          | 7440-42-8  | E444     | 0.50                              | mg/L | 0.89            | 0.77             | 0.11                 | Diff <2x LOR     | ----      |
|                                     |                              | Cadmium, TCLP                        | 7440-43-9  | E444     | 0.050                             | mg/L | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Chromium, TCLP                       | 7440-47-3  | E444     | 0.25                              | mg/L | <0.25           | <0.25            | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Lead, TCLP                           | 7439-92-1  | E444     | 0.25                              | mg/L | <0.25           | <0.25            | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Selenium, TCLP                       | 7782-49-2  | E444     | 0.10                              | mg/L | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Silver, TCLP                         | 7440-22-4  | E444     | 0.050                             | mg/L | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Uranium, TCLP                        | 7440-61-1  | E444     | 0.20                              | mg/L | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
| TCLP Metals (QC Lot: 2082210)       |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516774-001                       | Anonymous                    | Mercury, TCLP                        | 7439-97-6  | E512     | 0.0010                            | mg/L | <0.0010         | <0.0010          | 0                    | Diff <2x LOR     | ----      |
| TCLP VOCs (QC Lot: 2081828)         |                              |                                      |            |          |                                   |      |                 |                  |                      |                  |           |
| WT2516855-003                       | Anonymous                    | Benzene, TCLP                        | 71-43-2    | E615B    | 5.0                               | µg/L | <0.0050 mg/L    | <5.0             | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Carbon tetrachloride, TCLP           | 56-23-5    | E615B    | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Chlorobenzene, TCLP                  | 108-90-7   | E615B    | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Chloroform, TCLP                     | 67-66-3    | E615B    | 100                               | µg/L | <0.10 mg/L      | <100             | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Dichlorobenzene, 1,2-, TCLP          | 95-50-1    | E615B    | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Dichlorobenzene, 1,4-, TCLP          | 106-46-7   | E615B    | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Dichloroethane, 1,2-, TCLP           | 107-06-2   | E615B    | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                     |                              | Dichloroethylene, 1,1-, TCLP         | 75-35-4    | E615B    | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |



| Sub-Matrix: Soil/Solid                  |                  |                                 |            |        | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|-----------------------------------------|------------------|---------------------------------|------------|--------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                    | Client sample ID | Analyte                         | CAS Number | Method | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| TCLP VOCs (QC Lot: 2081828) - continued |                  |                                 |            |        |                                   |      |                 |                  |                      |                  |           |
| WT2516855-003                           | Anonymous        | Dichloromethane, TCLP           | 75-09-2    | E615B  | 100                               | µg/L | <0.10 mg/L      | <100             | 0                    | Diff <2x LOR     | ----      |
|                                         |                  | Methyl ethyl ketone [MEK], TCLP | 78-93-3    | E615B  | 100                               | µg/L | <0.10 mg/L      | <100             | 0                    | Diff <2x LOR     | ----      |
|                                         |                  | Tetrachloroethylene, TCLP       | 127-18-4   | E615B  | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                         |                  | Trichloroethylene, TCLP         | 79-01-6    | E615B  | 25                                | µg/L | <0.025 mg/L     | <25              | 0                    | Diff <2x LOR     | ----      |
|                                         |                  | Vinyl chloride, TCLP            | 75-01-4    | E615B  | 50                                | µg/L | <0.050 mg/L     | <50              | 0                    | Diff <2x LOR     | ----      |



## Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

### Sub-Matrix: Soil/Solid

| Analyte                                   | CAS Number | Method   | LOR   | Unit | Result  | Qualifier |
|-------------------------------------------|------------|----------|-------|------|---------|-----------|
| <b>TCLP Extractables (QCLot: 2082276)</b> |            |          |       |      |         |           |
| Cyanide, weak acid dissociable, TCLP      | ----       | E337A    | 0.1   | mg/L | <0.10   | ----      |
| <b>TCLP Extractables (QCLot: 2082651)</b> |            |          |       |      |         |           |
| Fluoride, TCLP                            | 16984-48-8 | E240.F   | 10    | mg/L | <10     | ----      |
| <b>TCLP Extractables (QCLot: 2082652)</b> |            |          |       |      |         |           |
| Nitrate (as N), TCLP                      | 14797-55-8 | E240.NO3 | 5     | mg/L | <5.0    | ----      |
| <b>TCLP Extractables (QCLot: 2082653)</b> |            |          |       |      |         |           |
| Nitrite (as N), TCLP                      | 14797-65-0 | E240.NO2 | 5     | mg/L | <5.0    | ----      |
| <b>TCLP Metals (QCLot: 2082109)</b>       |            |          |       |      |         |           |
| Arsenic, TCLP                             | 7440-38-2  | E444     | 1     | mg/L | <1.0    | ----      |
| Barium, TCLP                              | 7440-39-3  | E444     | 2.5   | mg/L | <2.5    | ----      |
| Boron, TCLP                               | 7440-42-8  | E444     | 0.5   | mg/L | <0.50   | ----      |
| Cadmium, TCLP                             | 7440-43-9  | E444     | 0.05  | mg/L | <0.050  | ----      |
| Chromium, TCLP                            | 7440-47-3  | E444     | 0.25  | mg/L | <0.25   | ----      |
| Lead, TCLP                                | 7439-92-1  | E444     | 0.25  | mg/L | <0.25   | ----      |
| Selenium, TCLP                            | 7782-49-2  | E444     | 0.1   | mg/L | <0.10   | ----      |
| Silver, TCLP                              | 7440-22-4  | E444     | 0.05  | mg/L | <0.050  | ----      |
| Uranium, TCLP                             | 7440-61-1  | E444     | 0.2   | mg/L | <0.20   | ----      |
| <b>TCLP Metals (QCLot: 2082210)</b>       |            |          |       |      |         |           |
| Mercury, TCLP                             | 7439-97-6  | E512     | 0.001 | mg/L | <0.0010 | ----      |
| <b>TCLP VOCs (QCLot: 2081828)</b>         |            |          |       |      |         |           |
| Benzene, TCLP                             | 71-43-2    | E615B    | 5     | µg/L | <5.0    | ----      |
| Carbon tetrachloride, TCLP                | 56-23-5    | E615B    | 25    | µg/L | <25     | ----      |
| Chlorobenzene, TCLP                       | 108-90-7   | E615B    | 25    | µg/L | <25     | ----      |
| Chloroform, TCLP                          | 67-66-3    | E615B    | 100   | µg/L | <100    | ----      |
| Dichlorobenzene, 1,2-, TCLP               | 95-50-1    | E615B    | 25    | µg/L | <25     | ----      |
| Dichlorobenzene, 1,4-, TCLP               | 106-46-7   | E615B    | 25    | µg/L | <25     | ----      |
| Dichloroethane, 1,2-, TCLP                | 107-06-2   | E615B    | 25    | µg/L | <25     | ----      |
| Dichloroethylene, 1,1-, TCLP              | 75-35-4    | E615B    | 25    | µg/L | <25     | ----      |
| Dichloromethane, TCLP                     | 75-09-2    | E615B    | 100   | µg/L | <100    | ----      |
| Methyl ethyl ketone [MEK], TCLP           | 78-93-3    | E615B    | 100   | µg/L | <100    | ----      |
| Tetrachloroethylene, TCLP                 | 127-18-4   | E615B    | 25    | µg/L | <25     | ----      |
| Trichloroethylene, TCLP                   | 79-01-6    | E615B    | 25    | µg/L | <25     | ----      |



Sub-Matrix: **Soil/Solid**

| Analyte                                | CAS Number | Method | LOR | Unit | Result | Qualifier |
|----------------------------------------|------------|--------|-----|------|--------|-----------|
| TCLP VOCs (QCLot: 2081828) - continued |            |        |     |      |        |           |
| Vinyl chloride, TCLP                   | 75-01-4    | E615B  | 50  | µg/L | <50    | ----      |



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Soil/Solid

|                                      |            |          |       |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|--------------------------------------|------------|----------|-------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                      |            |          |       |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                              | CAS Number | Method   | LOR   | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| TCLP Extractables (QCLot: 2082276)   |            |          |       |      |                                        |              |                     |      |           |
| Cyanide, weak acid dissociable, TCLP | ----       | E337A    | 0.1   | mg/L | 6.25 mg/L                              | 100          | 70.0                | 130  | ----      |
| TCLP Extractables (QCLot: 2082651)   |            |          |       |      |                                        |              |                     |      |           |
| Fluoride, TCLP                       | 16984-48-8 | E240.F   | 10    | mg/L | 1 mg/L                                 | 88.9         | 70.0                | 130  | ----      |
| TCLP Extractables (QCLot: 2082652)   |            |          |       |      |                                        |              |                     |      |           |
| Nitrate (as N), TCLP                 | 14797-55-8 | E240.NO3 | 5     | mg/L | 2.5 mg/L                               | 97.8         | 85.0                | 115  | ----      |
| TCLP Extractables (QCLot: 2082653)   |            |          |       |      |                                        |              |                     |      |           |
| Nitrite (as N), TCLP                 | 14797-65-0 | E240.NO2 | 5     | mg/L | 0.5 mg/L                               | 93.1         | 85.0                | 115  | ----      |
| TCLP Metals (QCLot: 2082109)         |            |          |       |      |                                        |              |                     |      |           |
| Arsenic, TCLP                        | 7440-38-2  | E444     | 1     | mg/L | 0.05 mg/L                              | 108          | 70.0                | 130  | ----      |
| Barium, TCLP                         | 7440-39-3  | E444     | 2.5   | mg/L | 0.012 mg/L                             | 103          | 70.0                | 130  | ----      |
| Boron, TCLP                          | 7440-42-8  | E444     | 0.5   | mg/L | 0.05 mg/L                              | 99.7         | 70.0                | 130  | ----      |
| Cadmium, TCLP                        | 7440-43-9  | E444     | 0.05  | mg/L | 0.005 mg/L                             | 106          | 70.0                | 130  | ----      |
| Chromium, TCLP                       | 7440-47-3  | E444     | 0.25  | mg/L | 0.012 mg/L                             | 104          | 70.0                | 130  | ----      |
| Lead, TCLP                           | 7439-92-1  | E444     | 0.25  | mg/L | 0.025 mg/L                             | 105          | 70.0                | 130  | ----      |
| Selenium, TCLP                       | 7782-49-2  | E444     | 0.1   | mg/L | 0.05 mg/L                              | 106          | 70.0                | 130  | ----      |
| Silver, TCLP                         | 7440-22-4  | E444     | 0.05  | mg/L | 0.005 mg/L                             | 104          | 70.0                | 130  | ----      |
| Uranium, TCLP                        | 7440-61-1  | E444     | 0.2   | mg/L | 0 mg/L                                 | 106          | 70.0                | 130  | ----      |
| TCLP Metals (QCLot: 2082210)         |            |          |       |      |                                        |              |                     |      |           |
| Mercury, TCLP                        | 7439-97-6  | E512     | 0.001 | mg/L | 0 mg/L                                 | 98.9         | 70.0                | 130  | ----      |
| TCLP VOCs (QCLot: 2081828)           |            |          |       |      |                                        |              |                     |      |           |
| Benzene, TCLP                        | 71-43-2    | E615B    | 5     | µg/L | 100 µg/L                               | 121          | 70.0                | 130  | ----      |
| Carbon tetrachloride, TCLP           | 56-23-5    | E615B    | 25    | µg/L | 100 µg/L                               | 100          | 60.0                | 140  | ----      |
| Chlorobenzene, TCLP                  | 108-90-7   | E615B    | 25    | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Chloroform, TCLP                     | 67-66-3    | E615B    | 100   | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-, TCLP          | 95-50-1    | E615B    | 25    | µg/L | 100 µg/L                               | 114          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-, TCLP          | 106-46-7   | E615B    | 25    | µg/L | 100 µg/L                               | 110          | 70.0                | 130  | ----      |
| Dichloroethane, 1,2-, TCLP           | 107-06-2   | E615B    | 25    | µg/L | 100 µg/L                               | 106          | 70.0                | 130  | ----      |
| Dichloroethylene, 1,1-, TCLP         | 75-35-4    | E615B    | 25    | µg/L | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Dichloromethane, TCLP                | 75-09-2    | E615B    | 100   | µg/L | 100 µg/L                               | 112          | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK], TCLP      | 78-93-3    | E615B    | 100   | µg/L | 100 µg/L                               | 113          | 50.0                | 150  | ----      |
| Tetrachloroethylene, TCLP            | 127-18-4   | E615B    | 25    | µg/L | 100 µg/L                               | 108          | 70.0                | 130  | ----      |





| Sub-Matrix: Soil/Solid                 |            |        |     |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|----------------------------------------|------------|--------|-----|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                        |            |        |     |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
|                                        |            |        |     |      | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Analyte                                | CAS Number | Method | LOR | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| TCLP VOCs (QCLot: 2081828) - continued |            |        |     |      |                                        |              |                     |      |           |
| Trichloroethylene, TCLP                | 79-01-6    | E615B  | 25  | µg/L | 100 µg/L                               | 115          | 70.0                | 130  | ----      |
| Vinyl chloride, TCLP                   | 75-01-4    | E615B  | 50  | µg/L | 100 µg/L                               | 116          | 60.0                | 130  | ----      |



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid             |                              |                                      |            |          | Matrix Spike (MS) Report |            |              |                     |      |           |
|------------------------------------|------------------------------|--------------------------------------|------------|----------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                    |                              |                                      |            |          | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID               | Client sample ID             | Analyte                              | CAS Number | Method   | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| TCLP Extractables (QCLot: 2082276) |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516797-001                      | S-12669624-24/06/25-RB-T CLP | Cyanide, weak acid dissociable, TCLP | ----       | E337A    | 6.52 mg/L                | 6.25 mg/L  | 104          | 50.0                | 140  | ----      |
| TCLP Extractables (QCLot: 2082651) |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516797-001                      | S-12669624-24/06/25-RB-T CLP | Fluoride, TCLP                       | 16984-48-8 | E240.F   | 17 mg/L                  | 20 mg/L    | 87.1         | 50.0                | 140  | ----      |
| TCLP Extractables (QCLot: 2082652) |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516797-001                      | S-12669624-24/06/25-RB-T CLP | Nitrate (as N), TCLP                 | 14797-55-8 | E240.NO3 | 48.9 mg/L                | 50 mg/L    | 97.7         | 50.0                | 140  | ----      |
| TCLP Extractables (QCLot: 2082653) |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516797-001                      | S-12669624-24/06/25-RB-T CLP | Nitrite (as N), TCLP                 | 14797-65-0 | E240.NO2 | 9.3 mg/L                 | 10 mg/L    | 93.1         | 50.0                | 140  | ----      |
| TCLP Metals (QCLot: 2082109)       |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516774-001                      | Anonymous                    | Arsenic, TCLP                        | 7440-38-2  | E444     | 5.6 mg/L                 | 5 mg/L     | 111          | 50.0                | 140  | ----      |
|                                    |                              | Barium, TCLP                         | 7440-39-3  | E444     | 12.5 mg/L                | 12.5 mg/L  | 100          | 50.0                | 140  | ----      |
|                                    |                              | Boron, TCLP                          | 7440-42-8  | E444     | 9.36 mg/L                | 10 mg/L    | 93.6         | 50.0                | 140  | ----      |
|                                    |                              | Cadmium, TCLP                        | 7440-43-9  | E444     | 0.249 mg/L               | 0.25 mg/L  | 99.5         | 50.0                | 140  | ----      |
|                                    |                              | Chromium, TCLP                       | 7440-47-3  | E444     | 1.32 mg/L                | 1.25 mg/L  | 106          | 50.0                | 140  | ----      |
|                                    |                              | Lead, TCLP                           | 7439-92-1  | E444     | 9.58 mg/L                | 10 mg/L    | 95.8         | 50.0                | 140  | ----      |
|                                    |                              | Selenium, TCLP                       | 7782-49-2  | E444     | 5.24 mg/L                | 5 mg/L     | 105          | 50.0                | 140  | ----      |
|                                    |                              | Silver, TCLP                         | 7440-22-4  | E444     | 0.099 mg/L               | 0.1 mg/L   | 99.4         | 50.0                | 140  | ----      |
|                                    |                              | Uranium, TCLP                        | 7440-61-1  | E444     | 5.00 mg/L                | 5 mg/L     | 100          | 50.0                | 140  | ----      |
| TCLP Metals (QCLot: 2082210)       |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516774-001                      | Anonymous                    | Mercury, TCLP                        | 7439-97-6  | E512     | 0.0030 mg/L              | 0.003 mg/L | 98.8         | 50.0                | 140  | ----      |
| TCLP VOCs (QCLot: 2081828)         |                              |                                      |            |          |                          |            |              |                     |      |           |
| WT2516855-003                      | Anonymous                    | Benzene, TCLP                        | 71-43-2    | E615B    | 310 µg/L                 | 250 µg/L   | 124          | 50.0                | 140  | ----      |
|                                    |                              | Carbon tetrachloride, TCLP           | 56-23-5    | E615B    | 255 µg/L                 | 250 µg/L   | 102          | 50.0                | 140  | ----      |
|                                    |                              | Chlorobenzene, TCLP                  | 108-90-7   | E615B    | 281 µg/L                 | 250 µg/L   | 112          | 50.0                | 140  | ----      |
|                                    |                              | Chloroform, TCLP                     | 67-66-3    | E615B    | 280 µg/L                 | 250 µg/L   | 113          | 50.0                | 140  | ----      |
|                                    |                              | Dichlorobenzene, 1,2-, TCLP          | 95-50-1    | E615B    | 286 µg/L                 | 250 µg/L   | 114          | 50.0                | 140  | ----      |
|                                    |                              | Dichlorobenzene, 1,4-, TCLP          | 106-46-7   | E615B    | 277 µg/L                 | 250 µg/L   | 111          | 50.0                | 140  | ----      |
|                                    |                              | Dichloroethane, 1,2-, TCLP           | 107-06-2   | E615B    | 270 µg/L                 | 250 µg/L   | 108          | 50.0                | 140  | ----      |
|                                    |                              | Dichloroethylene, 1,1-, TCLP         | 75-35-4    | E615B    | 285 µg/L                 | 250 µg/L   | 114          | 50.0                | 140  | ----      |
|                                    |                              | Dichloromethane, TCLP                | 75-09-2    | E615B    | 280 µg/L                 | 250 µg/L   | 114          | 50.0                | 140  | ----      |
|                                    |                              | Methyl ethyl ketone [MEK], TCLP      | 78-93-3    | E615B    | 290 µg/L                 | 250 µg/L   | 115          | 50.0                | 140  | ----      |
|                                    |                              | Tetrachloroethylene, TCLP            | 127-18-4   | E615B    | 273 µg/L                 | 250 µg/L   | 109          | 50.0                | 140  | ----      |
|                                    |                              | Trichloroethylene, TCLP              | 79-01-6    | E615B    | 294 µg/L                 | 250 µg/L   | 118          | 50.0                | 140  | ----      |
|                                    |                              | Vinyl chloride, TCLP                 | 75-01-4    | E615B    | 298 µg/L                 | 250 µg/L   | 119          | 50.0                | 140  | ----      |





Telephone : +1 519 886 6910

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY      YELLOW - CLIENT COPY

AUG 2020 EDITION

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.



## CERTIFICATE OF ANALYSIS

|                                |                                                            |                              |                                                                   |
|--------------------------------|------------------------------------------------------------|------------------------------|-------------------------------------------------------------------|
| <b>Work Order</b>              | <b>: WT2517131</b>                                         | <b>Page</b>                  | <b>: 1 of 94</b>                                                  |
| <b>Amendment</b>               | <b>: 1</b>                                                 |                              |                                                                   |
| <b>Client</b>                  | <b>: GHD Limited</b>                                       | <b>Laboratory</b>            | <b>: ALS Environmental - Waterloo</b>                             |
| <b>Contact</b>                 | <b>: Joeline Chan</b>                                      | <b>Account Manager</b>       | <b>: Rick Hawthorne</b>                                           |
| <b>Address</b>                 | <b>: 455 Phillip Street<br/>Waterloo ON Canada N2L 3X2</b> | <b>Address</b>               | <b>: 60 Northland Road, Unit 1<br/>Waterloo ON Canada N2V 2B8</b> |
| <b>Telephone</b>               | <b>: ----</b>                                              | <b>Telephone</b>             | <b>: +1 519 886 6910</b>                                          |
| <b>Project</b>                 | <b>: 12669624-120.120.10</b>                               | <b>Date Samples Received</b> | <b>: 27-Jun-2025 13:35</b>                                        |
| <b>PO</b>                      | <b>: 735-014194-1</b>                                      | <b>Date Analysis</b>         | <b>: 29-Jun-2025</b>                                              |
|                                |                                                            | <b>Commenced</b>             |                                                                   |
|                                |                                                            | <b>Issue Date</b>            | <b>: 15-Jul-2025 15:22</b>                                        |
| <b>C-O-C number</b>            | <b>: ----</b>                                              |                              |                                                                   |
| <b>Sampler</b>                 | <b>: CLIENT</b>                                            |                              |                                                                   |
| <b>Site</b>                    | <b>: ----</b>                                              |                              |                                                                   |
| <b>Quote number</b>            | <b>: 12669624-ExC-01-ALS-June<br/>2025-PO-735-014194-1</b> |                              |                                                                   |
| <b>No. of samples received</b> | <b>: 33</b>                                                |                              |                                                                   |
| <b>No. of samples analysed</b> | <b>: 33</b>                                                |                              |                                                                   |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i>     | <i>Position</i>                             | <i>Laboratory Department</i>        |
|------------------------|---------------------------------------------|-------------------------------------|
| Amanda Ganouri-Lumsden | Department Manager - Microbiology and Prep  | Centralized Prep, Waterloo, Ontario |
| Amaninder Dhillon      | Team Lead - Semi-Volatile Instrumentation   | Organics, Waterloo, Ontario         |
| Angela Fleming         | Supervisor - Inorganic                      | Inorganics, Waterloo, Ontario       |
| Angela Fleming         | Supervisor - Inorganic                      | Metals, Waterloo, Ontario           |
| David Tremblett        | VOC Section Supervisor                      | VOC, Waterloo, Ontario              |
| Jocelyn Kennedy        | Department Manager - Semi-Volatile Organics | Organics, Waterloo, Ontario         |
| Josphin Masihi         | Supervisor I                                | Centralized Prep, Waterloo, Ontario |
| Nik Perkio             | Senior Analyst                              | Metals, Waterloo, Ontario           |
| Niral Patel            |                                             | Centralized Prep, Waterloo, Ontario |
| Robert Braun           | Soils Team Supervisor                       | Inorganics, Waterloo, Ontario       |



## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances  
LOR: Limit of Reporting (detection limit).  
Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.  
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

| Unit     | Description                   |
|----------|-------------------------------|
| -        | no units                      |
| %        | percent                       |
| µg/L     | micrograms per litre          |
| µS/cm    | microsiemens per centimetre   |
| mg/kg    | milligrams per kilogram       |
| mg/L     | milligrams per litre          |
| mS/cm    | millisiemens per centimetre   |
| mV       | millivolts                    |
| ohm cm   | ohm centimetres (resistivity) |
| pH units | pH units                      |

>: greater than.

<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

## Workorder Comments

Amendment (09/July/2025): This report has been amended and re-released to allow the reporting of additional analytical data.

## Qualifiers

| Qualifier | Description                                                                                            |
|-----------|--------------------------------------------------------------------------------------------------------|
| DLM       | Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity). |



## Analytical Results

WT2517131-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: TRIP BLANK

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Physical Tests                    |             |         |        |       |            |             |               |         |
| Moisture                          | ----        | <0.25   | 0.25   | %     | E144/WT    | -           | 02-Jul-2025   | 2084932 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |





## Analytical Results

WT2517131-001

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: TRIP BLANK

Client sampling date / time: 25-Jun-2025

| Analyte                               | CAS Number | Result | LOR  | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------|------------|--------|------|-------|------------|-------------|---------------|---------|
| Hydrocarbons                          |            |        |      |       |            |             |               |         |
| F1 (C6-C10)                           | ----       | <5.0   | 5.0  | mg/kg | E581.F1/WT | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F1-BTEX                               | ----       | <5.0   | 5    | mg/kg | EC580/WT   | -           | 04-Jul-2025   | -       |
| Hydrocarbons Surrogates               |            |        |      |       |            |             |               |         |
| Dichlorotoluene, 3,4-                 | 95-75-0    | 93.0   | 1.0  | %     | E581.F1/WT | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates |            |        |      |       |            |             |               |         |
| Bromofluorobenzene, 4-                | 460-00-4   | 92.3   | 0.10 | %     | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                 | 540-36-3   | 97.1   | 0.10 | %     | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.220  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 14.1   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.24   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 12.8   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.22   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 2.22   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.16   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.00   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 75.6   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.64   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 6.1    | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.18   | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.180  | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 21.9   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 9.55   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 15.6   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 15.9   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0250 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.51   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 18.1   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | 0.26   | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.147  | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Uranium                           | 7440-61-1  | 0.658   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 33.1    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 63.6    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-           | 79-00-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                 | 79-01-6    | <0.010  | 0.010  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane            | 75-69-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                    | 75-01-4    | <0.020  | 0.020  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |



## Analytical Results

WT2517131-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 86.7   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 85.0   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 88.3   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 93.1   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2  | 83.1   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5   | 89.4   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2   | 96.5   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2   | 93.4   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |



## Analytical Results

WT2517131-002

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Aldrin                               | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)              | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                     | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)            | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                           | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                           | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                           | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                           | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                           | 789-02-6   | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                           | 50-29-3    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                           | ----       | <0.00085 | 0.00085 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                             | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                   | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                    | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                    | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endrin                               | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                           | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                         | 72-43-5    | <0.00100 | 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 91.6     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                 | 877-09-8   | 77.9     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.148  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 12.8   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.61   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.65   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |





## Analytical Results

WT2517131-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Magnesium, soluble ion content | 7439-95-4  | 1.28    | 0.50   | mg/L  | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 1.70    | 0.50   | mg/L  | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.20    | 0.10   | -     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.15    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.82    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 109     | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.72    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 13.0    | 5.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.113   | 0.020  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 22.5    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 10.5    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 23.6    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 11.3    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0138  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.36    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 23.4    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.152   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.830   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 32.3    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 54.9    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 02-Jul-2025   | 2082045 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 02-Jul-2025   | 2082045 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 02-Jul-2025   | 2082045 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 02-Jul-2025   | 2082045 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-           | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-         | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-     | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |



## Analytical Results

WT2517131-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 02-Jul-2025   | 2082045 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 85.5   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 76.9   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 87.0   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 93.4   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |



## Analytical Results

WT2517131-003

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 81.6   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 90.4   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 92.4   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 90.6   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.161  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 10.7   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.69   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 1.62   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 2.23   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 3.47   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.42   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.19   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 7.03   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 74.0   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |





## Analytical Results

WT2517131-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Beryllium                         | 7440-41-7  | 0.86    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                             | 7440-42-8  | 17.4    | 5.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble          | 7440-42-8  | 0.38    | 0.10   | mg/kg | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                           | 7440-43-9  | 0.101   | 0.020  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                          | 7440-47-3  | 26.4    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                            | 7440-48-4  | 17.7    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                            | 7440-50-8  | 38.1    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                              | 7439-92-1  | 17.1    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                           | 7439-97-6  | 0.0150  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                        | 7439-98-7  | 0.54    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                            | 7440-02-0  | 34.8    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.195   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.931   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 36.3    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 71.9    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |



## Analytical Results

WT2517131-004

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-16-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 90.3   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 88.0   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 90.7   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 96.9   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 5

Client sampling date / time: 25-Jun-2025

| Analyte                     | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests              |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate) | ----       | 0.142  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                    | ----       | 13.3   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)      | ----       | 7.65   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |



## Analytical Results

WT2517131-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 5

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Cyanides                       |            |         |        |       |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050  | mg/kg | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |        |       |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.10    | 0.50   | mg/L  | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.62    | 0.50   | mg/L  | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 1.63    | 0.50   | mg/L  | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.19    | 0.10   | -     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |        |       |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.65    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 103     | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.66    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 13.5    | 5.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.115   | 0.020  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 21.0    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 10.1    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 22.2    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 20.3    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0136  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.42    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 22.9    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.136   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.853   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 30.4    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 52.8    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |        |       |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-          | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-          | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane        | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-           | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |



## Analytical Results

WT2517131-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 5

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 82.4   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 86.9   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 92.0   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 97.4   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |





## Analytical Results

WT2517131-005

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 5

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 80.6   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 88.7   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 90.2   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 88.4   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.309  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 12.6   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.53   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 13.4   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.60   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 18.9   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 1.30   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |



## Analytical Results

WT2517131-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Antimony                          | 7440-36-0  | 0.18    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                           | 7440-38-2  | 5.35    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                            | 7440-39-3  | 108     | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                         | 7440-41-7  | 0.81    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                             | 7440-42-8  | 12.2    | 5.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble          | 7440-42-8  | 0.16    | 0.10   | mg/kg | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                           | 7440-43-9  | 0.176   | 0.020  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                          | 7440-47-3  | 24.7    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                            | 7440-48-4  | 11.5    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                            | 7440-50-8  | 23.0    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                              | 7439-92-1  | 13.9    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                           | 7439-97-6  | 0.0232  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                        | 7439-98-7  | 0.54    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                            | 7440-02-0  | 24.6    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.163   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.653   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 36.0    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 75.7    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.31    | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |



## Analytical Results

WT2517131-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.3   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 83.0   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 91.9   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 98.8   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |





## Analytical Results

WT2517131-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result       | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |              |         |       |            |             |               |         |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030       | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050       | 0.05    | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030       | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010       | 0.010   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050       | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |              |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 80.6         | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 86.6         | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 90.1         | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 87.8         | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Organochlorine Pesticides                   |            |              |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00277 DLM | 0.00277 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00277 DLM | 0.00277 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00277 DLM | 0.00277 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00300 DLM | 0.00300 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00300 DLM | 0.00300 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00424 DLM | 0.00424 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00277 DLM | 0.00277 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endrin                                      | 72-20-8    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                                  | 76-44-8    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                           | 118-74-1   | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                            | 67-72-1    | <0.00196 DLM | 0.00196 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                                | 72-43-5    | <0.00500 DLM | 0.00500 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates        |            |              |         |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 90.3         | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |



## Analytical Results

WT2517131-006

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                              | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|--------|-----|------|------------|-------------|---------------|---------|
| Organochlorine Pesticides Surrogates |            |        |     |      |            |             |               |         |
| Tetrachloro-m-xylene                 | 877-09-8   | 76.3   | 0.1 | %    | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 6

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.343  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 15.1   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.47   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 17.8   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 2.66   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 18.9   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 1.10   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.15   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.75   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 97.4   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.67   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 10.5   | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.11   | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.182  | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 22.2   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 11.6   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 20.4   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 17.6   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0191 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.52   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 22.8   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20  | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.150  | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.663  | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 32.5   | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 87.6   | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |        |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.26   | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |        |         |          |            |             |               |         |



## Analytical Results

WT2517131-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 6

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                      |             |         |        |       |            |             |               |         |
| F1 (C6-C10)                       | ----        | <5.0    | 5.0    | mg/kg | E581.F1/WT | 29-Jun-2025 | 30-Jun-2025   | 2082046 |



## Analytical Results

WT2517131-007

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 6

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |       |       |              |             |               |         |
| F2 (C10-C16)                                | ----       | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----       | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a        | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----       | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |            |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 86.6   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 83.7   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |            |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 93.0   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 100    | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 75.2   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 85.5   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 90.3   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 86.1   | 0.1   | %     | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.



## Analytical Results

WT2517131-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.360   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 16.3    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.18    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 21.5    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 3.15    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 20.4    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 1.09    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.40    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 83.7    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.70    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 7.7     | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.18    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.212   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 24.1    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 11.4    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 18.1    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 18.4    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0457  | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.56    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 19.8    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | 0.35    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | 0.16    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.154   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.672   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 35.0    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 74.6    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |





## Analytical Results

WT2517131-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 83.7   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 86.8   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |



## Analytical Results

WT2517131-008

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |        |       |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 88.1   | 0.10  | %     | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 93.2   | 0.10  | %     | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 80.2   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 86.1   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 92.7   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 89.3   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.191  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 10.7   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.67   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.58   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 2.89   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |





## Analytical Results

WT2517131-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium, soluble ion content   | 17341-25-2 | 5.97    | 0.50   | mg/L  | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR] | ----       | 0.61    | 0.10   | -     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.19    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                       | 7440-38-2  | 6.49    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                        | 7440-39-3  | 127     | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                     | 7440-41-7  | 0.83    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                         | 7440-42-8  | 16.9    | 5.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble      | 7440-42-8  | 0.18    | 0.10   | mg/kg | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                       | 7440-43-9  | 0.098   | 0.020  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                      | 7440-47-3  | 24.7    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                        | 7440-48-4  | 15.2    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                        | 7440-50-8  | 38.3    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                          | 7439-92-1  | 15.6    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                       | 7439-97-6  | 0.0138  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                    | 7439-98-7  | 0.52    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                        | 7440-02-0  | 30.4    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                      | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                        | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                      | 7440-28-0  | 0.147   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                       | 7440-61-1  | 1.03    | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                      | 7440-62-2  | 34.8    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                          | 7440-66-6  | 69.2    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082045 |



## Analytical Results

WT2517131-009

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-12-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 86.0   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 94.7   | 1.0   | %     | E581.F1/WT   | 29-Jun-2025 | 30-Jun-2025   | 2082046 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 91.9   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 97.0   | 0.10  | %     | E611D/WT     | 29-Jun-2025 | 30-Jun-2025   | 2082045 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-0'-2'

Client sampling date / time: 25-Jun-2025



## Analytical Results

WT2517131-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.112   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 16.8    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 6.39    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 6.18    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 9.60    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 3.20    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.19    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.14    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.16    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 144     | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.97    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 9.4     | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.48    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.272   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 29.5    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 10.9    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 24.8    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 15.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0407  | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.44    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 24.8    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | 0.36    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.212   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 1.85    | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 35.9    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 82.8    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.19    | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 85.1   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 91.7   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |





## Analytical Results

WT2517131-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |          |         |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 102      | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 102      | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 77.6     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 89.0     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 89.5     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 87.5     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |



## Analytical Results

WT2517131-010

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Endrin                               | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                           | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                         | 72-43-5    | <0.00100 | 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 85.6     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                 | 877-09-8   | 92.8     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.155  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 13.3   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.53   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 5.01   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 0.75   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 2.49   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.27   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 5.42   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 127    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.82   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 13.3   | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10  | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.077  | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 24.5   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 14.2   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 29.6   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 16.5   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0134 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.50   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Nickel                            | 7440-02-0  | 29.5    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.137   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.726   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 34.7    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 61.6    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.2   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 95.7   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 102    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 101    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |



## Analytical Results

WT2517131-011

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-----|------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |     |      |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 77.4   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 89.2   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 93.5   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 91.4   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.158   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 5.14    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.79    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.90    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.14    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 5.07    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.64    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.31    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.08    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 114     | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.84    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 30.6    | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.74    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.088   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 22.5    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 12.5    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 7.85    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 13.4    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | <0.0050 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.85    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 25.3    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.102   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.589   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 27.8    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 55.2    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Speciated Metals                  |             |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9  | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-012

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-7.5'-9.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR  | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |      |       |              |             |               |         |
| F1 (C6-C10)                                 | ----       | <5.0   | 5.0  | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----       | <10    | 10   | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3 (C16-C34)                                | ----       | <50    | 50   | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F4 (C34-C50)                                | ----       | <50    | 50   | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----       | <5.0   | 5    | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80   | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -    | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |            |        |      |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 90.6   | 1.0  | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 94.6   | 1.0  | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |            |        |      |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 106    | 0.10 | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 105    | 0.10 | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 7

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.186  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 16.2   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.23   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 8.65   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 0.63   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 1.59   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.14   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 5.99   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 148    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.96   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 11.2   | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10  | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.168  | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 28.0   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 11.3   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 29.4   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 14.5   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 7

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Mercury                           | 7439-97-6  | 0.0354  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                        | 7439-98-7  | 0.45    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                            | 7440-02-0  | 27.3    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.179   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.754   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 41.4    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 73.9    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.14    | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 7

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.4   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 98.7   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 110    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 110    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |





## Analytical Results

WT2517131-013

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-DUP 7

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR          | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|--------------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |              |       |            |             |               |         |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |              |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 77.4     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 86.0     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 90.9     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 87.6     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Organochlorine Pesticides                   |            |          |              |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | 0.00037  | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                                | 72-43-5    | <0.00100 | DLM, 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates        |            |          |              |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 93.9     | 0.1          | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                        | 877-09-8   | 86.4     | 0.1          | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte        | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date | Analysis Date | QCLot |
|----------------|------------|--------|-----|------|------------|-----------|---------------|-------|
| Physical Tests |            |        |     |      |            |           |               |       |



## Analytical Results

WT2517131-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.133   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 12.2    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.29    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.73    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 0.79    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.10    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 5.57    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 91.5    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.79    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 12.0    | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.132   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 24.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 12.5    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 27.8    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 13.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0229  | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.33    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 26.6    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.168   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.558   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 33.9    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 62.4    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.28    | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 85.0   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 107    | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |



## Analytical Results

WT2517131-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |          |         |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 112      | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 111      | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 78.1     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 85.6     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 88.5     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 86.6     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |





## Analytical Results

WT2517131-014

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-0'-2'

Client sampling date / time: 25-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Endrin                               | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                           | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                         | 72-43-5    | <0.00100 | 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 78.0     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                 | 877-09-8   | 89.0     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-015

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-5'-7'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.138  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 12.0   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.63   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.93   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 0.72   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 0.86   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.10   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 6.61   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 134    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.79   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 12.1   | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10  | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.108  | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 23.7   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 16.0   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 35.0   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 14.5   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0168 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.60   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-015

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-5'-7'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Nickel                            | 7440-02-0  | 32.5    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.178   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.633   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 32.3    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 72.0    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-015

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-5'-7'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 89.8   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 98.1   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 121    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 121    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.122  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 11.4   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.65   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.85   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50  | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 0.72   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.10   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.13   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.80   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Barium                            | 7440-39-3  | 88.6    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                         | 7440-41-7  | 0.66    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                             | 7440-42-8  | 11.7    | 5.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble          | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                           | 7440-43-9  | 0.124   | 0.020  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                          | 7440-47-3  | 20.9    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                            | 7440-48-4  | 10.6    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                            | 7440-50-8  | 23.8    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                              | 7439-92-1  | 10.2    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                           | 7439-97-6  | 0.0148  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                        | 7439-98-7  | 0.35    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                            | 7440-02-0  | 23.0    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.148   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.558   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 30.1    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 55.9    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.12    | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 85.2   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 91.1   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 102    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 101    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |



## Analytical Results

WT2517131-016

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-10-2.5'-4.5'

Client sampling date / time: 25-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 79.7   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 87.0   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 92.5   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 88.6   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-017

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-250625-RB-BH25-13-5'-7'

Client sampling date / time: 25-Jun-2025

| Analyte                             | CAS Number | Result | LOR  | Unit     | Method/Lab  | Prep Date   | Analysis Date | QCLot   |
|-------------------------------------|------------|--------|------|----------|-------------|-------------|---------------|---------|
| Physical Tests                      |            |        |      |          |             |             |               |         |
| Conductivity (1:2 leachate)         | ----       | 164    | 5.00 | µS/cm    | E100-L/WT   | 07-Jul-2025 | 07-Jul-2025   | 2089316 |
| Moisture                            | ----       | 15.3   | 0.25 | %        | E144/WT     | -           | 03-Jul-2025   | 2086298 |
| Oxidation-reduction potential [ORP] | ----       | 274    | 0.10 | mV       | E125/WT     | 03-Jul-2025 | 04-Jul-2025   | 2086937 |
| pH (1:2 soil:CaCl2-aq)              | ----       | 7.35   | 0.10 | pH units | E108A/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Resistivity                         | ----       | 6100   | 100  | ohm cm   | EC100R/WT   | -           | 07-Jul-2025   | -       |
| Inorganics                          |            |        |      |          |             |             |               |         |
| Sulfides, acid volatile             | ----       | 0.47   | 0.23 | mg/kg    | E396-L/WT   | 04-Jul-2025 | 04-Jul-2025   | 2089556 |
| Leachable Anions & Nutrients        |            |        |      |          |             |             |               |         |
| Chloride, soluble ion content       | 16887-00-6 | <5.0   | 5.0  | mg/kg    | E236.Cl/WT  | 07-Jul-2025 | 07-Jul-2025   | 2089319 |
| Sulfate, soluble ion content        | 14808-79-8 | 27     | 20   | mg/kg    | E236.SO4/WT | 07-Jul-2025 | 07-Jul-2025   | 2089318 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte        | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date | Analysis Date | QCLot |
|----------------|------------|--------|-----|------|------------|-----------|---------------|-------|
| Physical Tests |            |        |     |      |            |           |               |       |



## Analytical Results

WT2517131-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.169   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 14.0    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.52    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 7.70    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 2.92    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 2.28    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.18    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.20    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 4.18    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 88.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.66    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 5.6     | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.23    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.490   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 25.6    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 9.70    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 20.3    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 18.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0530  | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.52    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 18.4    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | 0.29    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | 0.22    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.142   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.733   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 33.0    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 75.2    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.14    | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 86.1   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 90.3   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |





## Analytical Results

WT2517131-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |          |         |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 101      | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 99.2     | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 84.4     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 95.3     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 102      | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 97.7     | 0.1     | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |



## Analytical Results

WT2517131-018

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                              | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |          |         |       |            |             |               |         |
| Endrin                               | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                           | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                    | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                     | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                         | 72-43-5    | <0.00100 | 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates |            |          |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 78.9     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                 | 877-09-8   | 69.2     | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-019

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.138   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 11.5    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.00    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.13    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 2.27    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 1.23    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.13    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.24    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 3.01    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 146     | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.68    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 21.6    | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.12    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.088   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 18.0    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 9.97    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 6.79    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 10.9    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | <0.0050 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.45    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-019

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-2.5'-4.5

Client sampling date / time: 26-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Nickel                            | 7440-02-0  | 20.5    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.090   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.586   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 25.1    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 45.1    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-019

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-2.5'-4.5

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 84.4   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 94.9   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 113    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 112    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |



## Analytical Results

WT2517131-019

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-2.5'-4.5

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-----|------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |     |      |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 77.5   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 89.7   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 89.1   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 88.0   | 0.1 | %    | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.171   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 13.5    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.68    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.29    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.82    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 4.37    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.48    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.43    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 3.89    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 59.6    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.88    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 30.7    | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.46    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.057   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 24.8    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 14.5    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 8.52    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 12.3    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | <0.0050 | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 1.20    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 29.9    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.111   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.645   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 35.6    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 64.0    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |





## Analytical Results

WT2517131-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Speciated Metals                  |             |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9  | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-020

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-01-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result | LOR  | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |      |       |              |             |               |         |
| F1 (C6-C10)                                 | ----       | <5.0   | 5.0  | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----       | <10    | 10   | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3 (C16-C34)                                | ----       | <50    | 50   | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F4 (C34-C50)                                | ----       | <50    | 50   | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----       | <5.0   | 5    | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80   | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -    | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |            |        |      |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 87.6   | 1.0  | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 94.6   | 1.0  | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |            |        |      |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 108    | 0.10 | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 107    | 0.10 | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.179  | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 14.8   | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.71   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.86   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.41   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 4.26   | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.44   | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.17   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 5.68   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 119    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.83   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 15.5   | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | <0.10  | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.123  | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 24.2   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 12.6   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 25.7   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 16.3   | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |



## Analytical Results

WT2517131-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Mercury                           | 7439-97-6  | 0.0211  | 0.0050 | mg/kg | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                        | 7439-98-7  | 0.42    | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                            | 7440-02-0  | 28.2    | 0.50   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                          | 7440-28-0  | 0.162   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                           | 7440-61-1  | 0.850   | 0.050  | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                          | 7440-62-2  | 35.4    | 0.20   | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                              | 7440-66-6  | 61.2    | 2.0    | mg/kg | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.22    | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 85.6   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 100    | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 110    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 112    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 02-Jul-2025 | 03-Jul-2025   | 2082050 |



## Analytical Results

WT2517131-021

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR          | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|--------------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |              |       |            |             |               |         |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |              |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 79.0     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 88.3     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 91.4     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 88.9     | 0.1          | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Organochlorine Pesticides                   |            |          |              |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                                | 72-43-5    | <0.00100 | DLM, 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates        |            |          |              |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 71.4     | 0.1          | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                        | 877-09-8   | 78.5     | 0.1          | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte        | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date | Analysis Date | QCLot |
|----------------|------------|--------|-----|------|------------|-----------|---------------|-------|
| Physical Tests |            |        |     |      |            |           |               |       |





## Analytical Results

WT2517131-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.176   | 0.00500 | mS/cm    | E100-L/WT  | 02-Jul-2025 | 03-Jul-2025   | 2082125 |
| Moisture                       | ----       | 12.2    | 0.25    | %        | E144/WT    | -           | 29-Jun-2025   | 2082059 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.63    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082053 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082049 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 4.25    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Magnesium, soluble ion content | 7439-95-4  | 1.78    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium, soluble ion content    | 17341-25-2 | 4.56    | 0.50    | mg/L     | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Sodium adsorption ratio [SAR]  | ----       | 0.47    | 0.10    | -        | E484/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082124 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.12    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Arsenic                        | 7440-38-2  | 3.85    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Barium                         | 7440-39-3  | 126     | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Beryllium                      | 7440-41-7  | 0.62    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron                          | 7440-42-8  | 17.6    | 5.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Boron, hot water soluble       | 7440-42-8  | 0.10    | 0.10    | mg/kg    | E487/WT    | 02-Jul-2025 | 03-Jul-2025   | 2082126 |
| Cadmium                        | 7440-43-9  | 0.118   | 0.020   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Chromium                       | 7440-47-3  | 19.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Cobalt                         | 7440-48-4  | 9.84    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Copper                         | 7440-50-8  | 17.4    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Lead                           | 7439-92-1  | 8.58    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Mercury                        | 7439-97-6  | 0.0110  | 0.0050  | mg/kg    | E510C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082127 |
| Molybdenum                     | 7439-98-7  | 0.48    | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Nickel                         | 7440-02-0  | 21.2    | 0.50    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Thallium                       | 7440-28-0  | 0.130   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Uranium                        | 7440-61-1  | 0.857   | 0.050   | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Vanadium                       | 7440-62-2  | 27.0    | 0.20    | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Zinc                           | 7440-66-6  | 51.6    | 2.0     | mg/kg    | E440C/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082128 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | <0.10   | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082052 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.7   | 1.0   | %     | E601.SG-L/WT | 02-Jul-2025 | 04-Jul-2025   | 2082051 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 105    | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |





## Analytical Results

WT2517131-022

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |        |       |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 114    | 0.10  | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 114    | 0.10  | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 79.5   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Chrysene-d12                                | 1719-03-5  | 85.3   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Naphthalene-d8                              | 1146-65-2  | 88.7   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |
| Phenanthrene-d10                            | 1517-22-2  | 88.1   | 0.1   | %     | E641A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2082050 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-023

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.127  | 0.00500 | mS/cm    | E100-L/WT  | 04-Jul-2025 | 04-Jul-2025   | 2082188 |
| Moisture                       | ----       | 7.76   | 0.25    | %        | E144/WT    | -           | 30-Jun-2025   | 2082192 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.77   | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082186 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082184 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.47   | 0.50    | mg/L     | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Magnesium, soluble ion content | 7439-95-4  | 0.92   | 0.50    | mg/L     | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |



## Analytical Results

WT2517131-023

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium, soluble ion content   | 17341-25-2 | 1.88    | 0.50   | mg/L  | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Sodium adsorption ratio [SAR] | ----       | 0.26    | 0.10   | -     | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.32    | 0.10   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Arsenic                       | 7440-38-2  | 5.24    | 0.10   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Barium                        | 7440-39-3  | 167     | 0.50   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Beryllium                     | 7440-41-7  | 0.76    | 0.10   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Boron                         | 7440-42-8  | 28.2    | 5.0    | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Boron, hot water soluble      | 7440-42-8  | 0.39    | 0.10   | mg/kg | E487/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082189 |
| Cadmium                       | 7440-43-9  | 0.072   | 0.020  | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Chromium                      | 7440-47-3  | 21.4    | 0.50   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Cobalt                        | 7440-48-4  | 13.0    | 0.10   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Copper                        | 7440-50-8  | 7.34    | 0.50   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Lead                          | 7439-92-1  | 11.4    | 0.50   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Mercury                       | 7439-97-6  | <0.0050 | 0.0050 | mg/kg | E510C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082190 |
| Molybdenum                    | 7439-98-7  | 0.84    | 0.10   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Nickel                        | 7440-02-0  | 26.0    | 0.50   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Selenium                      | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Silver                        | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Thallium                      | 7440-28-0  | 0.109   | 0.050  | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Uranium                       | 7440-61-1  | 0.572   | 0.050  | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Vanadium                      | 7440-62-2  | 29.9    | 0.20   | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Zinc                          | 7440-66-6  | 55.1    | 2.0    | mg/kg | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082185 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-023

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-06-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 86.5   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 96.6   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 103    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 100    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-024

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-0'-2'

Client sampling date / time: 26-Jun-2025



## Analytical Results

WT2517131-024

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.216   | 0.00500 | mS/cm    | E100-L/WT  | 04-Jul-2025 | 04-Jul-2025   | 2082188 |
| Moisture                       | ----       | 18.3    | 0.25    | %        | E144/WT    | -           | 30-Jun-2025   | 2082192 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.34    | 0.10    | pH units | E108A/WT   | 30-Jun-2025 | 04-Jul-2025   | 2082186 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082184 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 7.53    | 0.50    | mg/L     | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Magnesium, soluble ion content | 7439-95-4  | 2.18    | 0.50    | mg/L     | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Sodium, soluble ion content    | 17341-25-2 | 3.87    | 0.50    | mg/L     | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Sodium adsorption ratio [SAR]  | ----       | 0.32    | 0.10    | -        | E484/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082187 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.13    | 0.10    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Arsenic                        | 7440-38-2  | 5.76    | 0.10    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Barium                         | 7440-39-3  | 252     | 0.50    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Beryllium                      | 7440-41-7  | 1.23    | 0.10    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Boron                          | 7440-42-8  | 8.7     | 5.0     | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Boron, hot water soluble       | 7440-42-8  | 0.39    | 0.10    | mg/kg    | E487/WT    | 04-Jul-2025 | 04-Jul-2025   | 2082189 |
| Cadmium                        | 7440-43-9  | 0.162   | 0.020   | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Chromium                       | 7440-47-3  | 32.1    | 0.50    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Cobalt                         | 7440-48-4  | 11.6    | 0.10    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Copper                         | 7440-50-8  | 21.8    | 0.50    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Lead                           | 7439-92-1  | 16.5    | 0.50    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Mercury                        | 7439-97-6  | 0.0355  | 0.0050  | mg/kg    | E510C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082190 |
| Molybdenum                     | 7439-98-7  | 1.20    | 0.10    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Nickel                         | 7440-02-0  | 26.3    | 0.50    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Thallium                       | 7440-28-0  | 0.215   | 0.050   | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Uranium                        | 7440-61-1  | 1.56    | 0.050   | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Vanadium                       | 7440-62-2  | 50.1    | 0.20    | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Zinc                           | 7440-66-6  | 78.0    | 2.0     | mg/kg    | E440C/WT   | 04-Jul-2025 | 04-Jul-2025   | 2082191 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.57    | 0.10    | mg/kg    | E532/WT    | 30-Jun-2025 | 03-Jul-2025   | 2082185 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-024

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 02-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 02-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 02-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 02-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 77.0   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 85.9   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |



## Analytical Results

WT2517131-024

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result       | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------------|---------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |              |         |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 103          | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 105          | 0.10    | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |              |         |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3    | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7    | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030       | 0.030   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050       | 0.05    | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030       | 0.030   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene                                 | 91-20-3    | <0.010       | 0.010   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8    | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0   | <0.050       | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |              |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 88.8         | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 79.1         | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 87.2         | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 90.6         | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Organochlorine Pesticides                   |            |              |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00140 DLM | 0.00140 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00140 DLM | 0.00140 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00140 DLM | 0.00140 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00150 DLM | 0.00150 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00150 DLM | 0.00150 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00212 DLM | 0.00212 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00140 DLM | 0.00140 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |





## Analytical Results

WT2517131-024

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                              | CAS Number | Result       | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------------|------------|--------------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |              |         |       |            |             |               |         |
| Endrin                               | 72-20-8    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                           | 76-44-8    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                   | 1024-57-3  | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                    | 118-74-1   | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                  | 87-68-3    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-        | 58-89-9    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                     | 67-72-1    | <0.00099 DLM | 0.00099 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                         | 72-43-5    | <0.00250 DLM | 0.00250 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates |            |              |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 66.7         | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                 | 877-09-8   | 71.6         | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-025

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.151  | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 13.0   | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.70   | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.56   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 1.28   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content    | 17341-25-2 | 1.82   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]  | ----       | 0.21   | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.18   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                        | 7440-38-2  | 5.80   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                         | 7440-39-3  | 125    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                      | 7440-41-7  | 0.76   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                          | 7440-42-8  | 20.8   | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble       | 7440-42-8  | 0.26   | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                        | 7440-43-9  | 0.134  | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                       | 7440-47-3  | 19.7   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                         | 7440-48-4  | 11.1   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                         | 7440-50-8  | 23.6   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                           | 7439-92-1  | 11.3   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                        | 7439-97-6  | 0.0127 | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                     | 7439-98-7  | 1.24   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |



## Analytical Results

WT2517131-025

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                           | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| <b>Metals</b>                     |            |         |        |       |            |             |               |         |
| Nickel                            | 7440-02-0  | 23.0    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                          | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                            | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                          | 7440-28-0  | 0.132   | 0.050  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                           | 7440-61-1  | 0.785   | 0.050  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                          | 7440-62-2  | 29.3    | 0.20   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                              | 7440-66-6  | 60.4    | 2.0    | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| <b>Speciated Metals</b>           |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9 | 0.13    | 0.10   | mg/kg | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| <b>Volatile Organic Compounds</b> |            |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                           | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane              | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                         | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                      | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride              | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                     | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                        | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane              | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-               | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-             | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-             | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-             | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane           | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-              | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-              | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-            | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-        | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-      | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                   | 75-09-2    | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-             | 78-87-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-       | 10061-01-5 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-     | 10061-02-6 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                      | 100-41-4   | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                        | 110-54-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]         | 78-93-3    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1   | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4  | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                           | 100-42-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene               | 127-18-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                           | 108-88-3   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-           | 71-55-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-025

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 92.3   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 91.0   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 106    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 105    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene                                 | 91-20-3     | <0.010 | 0.010 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |             |        |       |       |              |             |               |         |



## Analytical Results

WT2517131-025

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result | LOR | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-----|------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |     |      |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 89.1   | 0.1 | %    | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 79.3   | 0.1 | %    | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 84.6   | 0.1 | %    | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 87.5   | 0.1 | %    | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-026

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.133   | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 25.1    | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.67    | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.55    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 1.42    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content    | 17341-25-2 | 1.83    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]  | ----       | 0.23    | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.28    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                        | 7440-38-2  | 6.96    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                         | 7440-39-3  | 89.2    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                      | 7440-41-7  | 0.98    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                          | 7440-42-8  | 34.8    | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble       | 7440-42-8  | 0.34    | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                        | 7440-43-9  | 0.093   | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                       | 7440-47-3  | 26.0    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                         | 7440-48-4  | 15.0    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                         | 7440-50-8  | 9.91    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                           | 7439-92-1  | 11.8    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                        | 7439-97-6  | <0.0050 | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                     | 7439-98-7  | 0.84    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                         | 7440-02-0  | 29.9    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                       | 7440-28-0  | 0.138   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                        | 7440-61-1  | 0.723   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                       | 7440-62-2  | 39.5    | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                           | 7440-66-6  | 66.4    | 2.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |





## Analytical Results

WT2517131-026

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                                  | CAS Number | Result   | LOR    | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|------------------------------------------|------------|----------|--------|----------|------------|-------------|---------------|---------|
| Speciated Metals                         |            |          |        |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]             | 18540-29-9 | 0.15     | 0.10   | mg/kg    | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| ON mSPLP Metal (target pH= 5)            |            |          |        |          |            |             |               |         |
| Molybdenum, mSPLP                        | 7439-98-7  | 1.64     | 0.50   | µg/L     | E443/WT    | 11-Jul-2025 | 11-Jul-2025   | 2101707 |
| pH, mSPLP final                          | n/a        | 9.28     | 0.010  | pH units | EPP443/WT  | -           | 10-Jul-2025   | -       |
| pH, mSPLP initial                        | n/a        | 9.43     | 0.010  | pH units | EPP443/WT  | -           | 10-Jul-2025   | -       |
| Silver, mSPLP                            | 7440-22-4  | <0.25    | 0.25   | µg/L     | E443/WT    | 11-Jul-2025 | 11-Jul-2025   | 2101707 |
| Thallium, mSPLP                          | 7440-28-0  | <0.50    | 0.50   | µg/L     | E443/WT    | 11-Jul-2025 | 11-Jul-2025   | 2101707 |
| mSPLP VOCs                               |            |          |        |          |            |             |               |         |
| Dichloroethane, 1,2-, mSPLP              | 107-06-2   | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloroethylene, 1,1-, mSPLP            | 75-35-4    | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloroethylene, cis-1,2-, mSPLP        | 156-59-2   | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloroethylene, trans-1,2-, mSPLP      | 156-60-5   | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropane, 1,2-, mSPLP             | 78-87-5    | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropylene, cis+trans-1,3-, mSPLP | 542-75-6   | <0.30    | 0.3    | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropylene, cis-1,3-, mSPLP       | 10061-01-5 | <0.20    | 0.20   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropylene, trans-1,3-, mSPLP     | 10061-02-6 | <0.20    | 0.20   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Tetrachloroethane, 1,1,1,2-, mSPLP       | 630-20-6   | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Tetrachloroethane, 1,1,2,2-, mSPLP       | 630-20-6   | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Tetrachloroethylene, mSPLP               | 127-18-4   | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Trichloroethane, 1,1,2-, mSPLP           | 79-00-5    | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Trichloroethylene, mSPLP                 | 79-01-6    | <0.50    | 0.50   | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| mSPLP VOCs Surrogates                    |            |          |        |          |            |             |               |         |
| Bromofluorobenzene, 4-, mSPLP            | 460-00-4   | 96.3     | 1.0    | %        | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Difluorobenzene, 1,4-, mSPLP             | 540-36-3   | 92.2     | 1.0    | %        | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| ON mSPLP VOC (reagent water)             |            |          |        |          |            |             |               |         |
| Extraction fluid                         | ----       | fluid #3 | -      | -        | EPP584/WT  | -           | 10-Jul-2025   | -       |
| Volatile Organic Compounds               |            |          |        |          |            |             |               |         |
| Acetone                                  | 67-64-1    | <0.50    | 0.50   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                                  | 71-43-2    | <0.0050  | 0.0050 | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane                     | 75-27-4    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                                | 75-25-2    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                             | 74-83-9    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride                     | 56-23-5    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                            | 108-90-7   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                               | 67-66-3    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane                     | 124-48-1   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-                      | 106-93-4   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-                    | 95-50-1    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-                    | 541-73-1   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                    | 106-46-7   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                  | 75-71-8    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                     | 75-34-3    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                     | 107-06-2   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                   | 75-35-4    | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-               | 156-59-2   | <0.050   | 0.050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-026

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-04-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 80.6   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 87.8   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 100    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 101    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.





## Analytical Results

WT2517131-027

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                             | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                      |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)         | ----       | 0.176  | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                            | ----       | 16.0   | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)              | ----       | 7.18   | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                            |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable      | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables            |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content        | 7440-70-2  | 9.33   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content      | 7439-95-4  | 2.37   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content         | 17341-25-2 | 1.49   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]       | ----       | 0.11   | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                              |            |        |         |          |            |             |               |         |
| Antimony                            | 7440-36-0  | 0.17   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                             | 7440-38-2  | 4.02   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                              | 7440-39-3  | 97.2   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                           | 7440-41-7  | 0.77   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                               | 7440-42-8  | 7.8    | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble            | 7440-42-8  | 0.22   | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                             | 7440-43-9  | 0.197  | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                            | 7440-47-3  | 24.4   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                              | 7440-48-4  | 8.36   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                              | 7440-50-8  | 17.1   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                                | 7439-92-1  | 14.9   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                             | 7439-97-6  | 0.0398 | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                          | 7439-98-7  | 0.51   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                              | 7440-02-0  | 18.5   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                            | 7782-49-2  | 0.29   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                              | 7440-22-4  | 0.13   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                            | 7440-28-0  | 0.168  | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                             | 7440-61-1  | 0.917  | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                            | 7440-62-2  | 35.5   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                                | 7440-66-6  | 68.5   | 2.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Speciated Metals                    |            |        |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]        | 18540-29-9 | <0.10  | 0.10    | mg/kg    | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| ON mSPLP Metal (target pH= 5)       |            |        |         |          |            |             |               |         |
| Molybdenum, mSPLP                   | 7439-98-7  | <0.50  | 0.50    | µg/L     | E443/WT    | 11-Jul-2025 | 11-Jul-2025   | 2101707 |
| pH, mSPLP final                     | n/a        | 8.17   | 0.010   | pH units | EPP443/WT  | -           | 10-Jul-2025   | -       |
| pH, mSPLP initial                   | n/a        | 7.98   | 0.010   | pH units | EPP443/WT  | -           | 10-Jul-2025   | -       |
| Silver, mSPLP                       | 7440-22-4  | <0.25  | 0.25    | µg/L     | E443/WT    | 11-Jul-2025 | 11-Jul-2025   | 2101707 |
| Thallium, mSPLP                     | 7440-28-0  | <0.50  | 0.50    | µg/L     | E443/WT    | 11-Jul-2025 | 11-Jul-2025   | 2101707 |
| mSPLP VOCs                          |            |        |         |          |            |             |               |         |
| Dichloroethane, 1,2-, mSPLP         | 107-06-2   | <0.50  | 0.50    | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloroethylene, 1,1-, mSPLP       | 75-35-4    | <0.50  | 0.50    | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloroethylene, cis-1,2-, mSPLP   | 156-59-2   | <0.50  | 0.50    | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloroethylene, trans-1,2-, mSPLP | 156-60-5   | <0.50  | 0.50    | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropane, 1,2-, mSPLP        | 78-87-5    | <0.50  | 0.50    | µg/L     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |



## Analytical Results

WT2517131-027

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                  | CAS Number | Result   | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|------------------------------------------|------------|----------|--------|-------|------------|-------------|---------------|---------|
| mSPLP VOCs                               |            |          |        |       |            |             |               |         |
| Dichloropropylene, cis+trans-1,3-, mSPLP | 542-75-6   | <0.30    | 0.3    | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropylene, cis-1,3-, mSPLP       | 10061-01-5 | <0.20    | 0.20   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Dichloropropylene, trans-1,3-, mSPLP     | 10061-02-6 | <0.20    | 0.20   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Tetrachloroethane, 1,1,1,2-, mSPLP       | 630-20-6   | <0.50    | 0.50   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Tetrachloroethane, 1,1,2,2-, mSPLP       | 630-20-6   | <0.50    | 0.50   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Tetrachloroethylene, mSPLP               | 127-18-4   | <0.50    | 0.50   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Trichloroethane, 1,1,2-, mSPLP           | 79-00-5    | <0.50    | 0.50   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Trichloroethylene, mSPLP                 | 79-01-6    | <0.50    | 0.50   | µg/L  | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| mSPLP VOCs Surrogates                    |            |          |        |       |            |             |               |         |
| Bromofluorobenzene, 4-, mSPLP            | 460-00-4   | 95.9     | 1.0    | %     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| Difluorobenzene, 1,4-, mSPLP             | 540-36-3   | 92.2     | 1.0    | %     | E619D/WT   | 11-Jul-2025 | 11-Jul-2025   | 2101525 |
| ON mSPLP VOC (reagent water)             |            |          |        |       |            |             |               |         |
| Extraction fluid                         | ----       | fluid #3 | -      | -     | EPP584/WT  | -           | 10-Jul-2025   | -       |
| Volatile Organic Compounds               |            |          |        |       |            |             |               |         |
| Acetone                                  | 67-64-1    | <0.50    | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                                  | 71-43-2    | <0.0050  | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane                     | 75-27-4    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                                | 75-25-2    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                             | 74-83-9    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride                     | 56-23-5    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                            | 108-90-7   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                               | 67-66-3    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane                     | 124-48-1   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-                      | 106-93-4   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-                    | 95-50-1    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-                    | 541-73-1   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                    | 106-46-7   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                  | 75-71-8    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                     | 75-34-3    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                     | 107-06-2   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                   | 75-35-4    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-               | 156-59-2   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-             | 156-60-5   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                          | 75-09-2    | <0.045   | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                    | 78-87-5    | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-        | 542-75-6   | <0.050   | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-              | 10061-01-5 | <0.030   | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-            | 10061-02-6 | <0.030   | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                             | 100-41-4   | <0.015   | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                               | 110-54-3   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                | 78-93-3    | <0.50    | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]            | 108-10-1   | <0.50    | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]           | 1634-04-4  | <0.040   | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                  | 100-42-5   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-              | 630-20-6   | <0.050   | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-027

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 89.6   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 104    | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 115    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 114    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(a)pyrene                              | 50-32-8     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a         | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0     | <0.030 | 0.030 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----        | <0.050 | 0.05  | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6     | <0.030 | 0.030 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |



## Analytical Results

WT2517131-027

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-0'-2'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR          | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|--------------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |              |       |            |             |               |         |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010        | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050        | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050        | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |              |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 89.1     | 0.1          | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 81.3     | 0.1          | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 88.0     | 0.1          | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 90.1     | 0.1          | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Organochlorine Pesticides                   |            |          |              |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | DLM, 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050      | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Methoxychlor                                | 72-43-5    | <0.00100 | DLM, 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates        |            |          |              |       |            |             |               |         |
| Decachlorobiphenyl                          | 2051-24-3  | 74.5     | 0.1          | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                        | 877-09-8   | 73.0     | 0.1          | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-028

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-2.5'-4.5'

Client sampling date / time: 26-Jun-2025





## Analytical Results

WT2517131-028

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.126   | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 10.5    | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.64    | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.76    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 0.60    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content    | 17341-25-2 | 0.89    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]  | ----       | 0.11    | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.24    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                        | 7440-38-2  | 4.90    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                         | 7440-39-3  | 158     | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                      | 7440-41-7  | 0.75    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                          | 7440-42-8  | 22.7    | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble       | 7440-42-8  | 0.10    | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                        | 7440-43-9  | 0.101   | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                       | 7440-47-3  | 21.6    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                         | 7440-48-4  | 11.4    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                         | 7440-50-8  | 15.1    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                           | 7439-92-1  | 13.1    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                        | 7439-97-6  | 0.0060  | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                     | 7439-98-7  | 0.76    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                         | 7440-02-0  | 24.4    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                       | 7440-28-0  | 0.106   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                        | 7440-61-1  | 0.693   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                       | 7440-62-2  | 31.8    | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                           | 7440-66-6  | 53.7    | 2.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.12    | 0.10    | mg/kg    | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-028

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 78.0   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 88.1   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |





## Analytical Results

WT2517131-028

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-2.5'-4.5'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |        |       |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 95.3   | 0.10  | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 91.1   | 0.10  | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 87.7   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 78.0   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 85.1   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 89.1   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-029

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.117  | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 8.94   | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.86   | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.80   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 0.86   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |



## Analytical Results

WT2517131-029

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium, soluble ion content   | 17341-25-2 | 0.81    | 0.50   | mg/L  | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR] | ----       | 0.11    | 0.10   | -     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.38    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                       | 7440-38-2  | 5.01    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                        | 7440-39-3  | 133     | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                     | 7440-41-7  | 0.98    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                         | 7440-42-8  | 37.4    | 5.0    | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble      | 7440-42-8  | 0.22    | 0.10   | mg/kg | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                       | 7440-43-9  | 0.076   | 0.020  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                      | 7440-47-3  | 24.1    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                        | 7440-48-4  | 13.7    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                        | 7440-50-8  | 8.37    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                          | 7439-92-1  | 13.3    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                       | 7439-97-6  | <0.0050 | 0.0050 | mg/kg | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                    | 7439-98-7  | 0.94    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                        | 7440-02-0  | 27.6    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                      | 7782-49-2  | <0.20   | 0.20   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                        | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                      | 7440-28-0  | 0.120   | 0.050  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                       | 7440-61-1  | 0.592   | 0.050  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                      | 7440-62-2  | 33.6    | 0.20   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                          | 7440-66-6  | 60.4    | 2.0    | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | <0.10   | 0.10   | mg/kg | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |



## Analytical Results

WT2517131-029

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-BH25-09-5'-7'

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 88.9   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 97.1   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 108    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 106    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-030

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-DUP 8

Client sampling date / time: 26-Jun-2025



## Analytical Results

WT2517131-030

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-DUP 8

Client sampling date / time: 26-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.148   | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 12.6    | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.70    | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.57    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 1.27    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content    | 17341-25-2 | 1.93    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]  | ----       | 0.22    | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.21    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                        | 7440-38-2  | 6.82    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                         | 7440-39-3  | 135     | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                      | 7440-41-7  | 0.78    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                          | 7440-42-8  | 25.4    | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble       | 7440-42-8  | 0.26    | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                        | 7440-43-9  | 0.122   | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                       | 7440-47-3  | 21.5    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                         | 7440-48-4  | 12.5    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                         | 7440-50-8  | 20.8    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                           | 7439-92-1  | 11.6    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                        | 7439-97-6  | 0.0090  | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                     | 7439-98-7  | 1.66    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                         | 7440-02-0  | 26.1    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                       | 7440-28-0  | 0.142   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                        | 7440-61-1  | 0.839   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                       | 7440-62-2  | 32.4    | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                           | 7440-66-6  | 57.2    | 2.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.11    | 0.10    | mg/kg    | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |





## Analytical Results

WT2517131-030

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-DUP 8

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 79.5   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 98.6   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082073 |



## Analytical Results

WT2517131-030

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-260625-RB-DUP 8

Client sampling date / time: 26-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates       |            |        |       |       |            |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 109    | 0.10  | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 108    | 0.10  | %     | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082072 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |            |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 87.4   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 80.0   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 85.5   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 90.1   | 0.1   | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-031

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-0'-2'

Client sampling date / time: 27-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.208  | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 16.2   | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.22   | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 10.4   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 0.77   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |





## Analytical Results

WT2517131-031

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-0'-2'

Client sampling date / time: 27-Jun-2025

| Analyte                       | CAS Number | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-------------------------------|------------|---------|--------|-------|------------|-------------|---------------|---------|
| Fixed-Ratio Extractables      |            |         |        |       |            |             |               |         |
| Sodium, soluble ion content   | 17341-25-2 | 1.89    | 0.50   | mg/L  | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR] | ----       | 0.15    | 0.10   | -     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                        |            |         |        |       |            |             |               |         |
| Antimony                      | 7440-36-0  | 0.17    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                       | 7440-38-2  | 6.38    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                        | 7440-39-3  | 132     | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                     | 7440-41-7  | 1.21    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                         | 7440-42-8  | 11.8    | 5.0    | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble      | 7440-42-8  | <0.10   | 0.10   | mg/kg | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                       | 7440-43-9  | 0.080   | 0.020  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                      | 7440-47-3  | 34.5    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                        | 7440-48-4  | 14.4    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                        | 7440-50-8  | 35.0    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                          | 7439-92-1  | 15.3    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                       | 7439-97-6  | 0.0373  | 0.0050 | mg/kg | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                    | 7439-98-7  | 0.42    | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                        | 7440-02-0  | 31.0    | 0.50   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                      | 7782-49-2  | 0.28    | 0.20   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                        | 7440-22-4  | <0.10   | 0.10   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                      | 7440-28-0  | 0.223   | 0.050  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                       | 7440-61-1  | 0.699   | 0.050  | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                      | 7440-62-2  | 46.8    | 0.20   | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                          | 7440-66-6  | 81.6    | 2.0    | mg/kg | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Speciated Metals              |            |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]  | 18540-29-9 | 0.65    | 0.10   | mg/kg | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| Volatile Organic Compounds    |            |         |        |       |            |             |               |         |
| Acetone                       | 67-64-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Benzene                       | 71-43-2    | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromodichloromethane          | 75-27-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromoform                     | 75-25-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromomethane                  | 74-83-9    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Carbon tetrachloride          | 56-23-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Chlorobenzene                 | 108-90-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Chloroform                    | 67-66-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dibromochloromethane          | 124-48-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dibromoethane, 1,2-           | 106-93-4   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,2-         | 95-50-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,3-         | 541-73-1   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,4-         | 106-46-7   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorodifluoromethane       | 75-71-8    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethane, 1,1-          | 75-34-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethane, 1,2-          | 107-06-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, 1,1-        | 75-35-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, cis-1,2-    | 156-59-2   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, trans-1,2-  | 156-60-5   | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |



## Analytical Results

WT2517131-031

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-0'-2'

Client sampling date / time: 27-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QC/Lot  |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082076 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----        | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a         | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 87.4   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 99.8   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082076 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 108    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Difluorobenzene, 1,4-                       | 540-36-3    | 109    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Polycyclic Aromatic Hydrocarbons            |             |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3     | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |



## Analytical Results

WT2517131-031

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-0'-2'

Client sampling date / time: 27-Jun-2025

| Analyte                                     | CAS Number | Result   | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|----------|---------|-------|------------|-------------|---------------|---------|
| Polycyclic Aromatic Hydrocarbons            |            |          |         |       |            |             |               |         |
| Benzo(a)pyrene                              | 50-32-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9   | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7    | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030   | 0.030   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050   | 0.05    | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030   | 0.030   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene                                 | 91-20-3    | <0.010   | 0.010   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8    | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0   | <0.050   | 0.050   | mg/kg | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |          |         |       |            |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 89.8     | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 82.9     | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 89.2     | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 90.3     | 0.1     | %     | E641A/WT   | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Organochlorine Pesticides                   |            |          |         |       |            |             |               |         |
| Aldrin                                      | 309-00-2   | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, cis- (alpha)                     | 5103-71-9  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, total                            | 57-74-9    | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Chlordane, trans- (gamma)                   | 5103-74-2  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 2,4'-                                  | 53-19-0    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, 4,4'-                                  | 72-54-8    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDD, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 2,4'-                                  | 3424-82-6  | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, 4,4'-                                  | 72-55-9    | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDE, total                                  | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 2,4'-                                  | 789-02-6   | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, 4,4'-                                  | 50-29-3    | <0.00060 | 0.00060 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| DDT, total                                  | ----       | <0.00085 | 0.00085 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Dieldrin                                    | 60-57-1    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, alpha-                          | 959-98-8   | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, beta-                           | 33213-65-9 | <0.00030 | 0.00030 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endosulfan, total                           | ----       | <0.00042 | 0.00042 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Endrin                                      | 72-20-8    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor                                  | 76-44-8    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Heptachlor epoxide                          | 1024-57-3  | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobenzene                           | 118-74-1   | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorobutadiene                         | 87-68-3    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachlorocyclohexane, gamma-               | 58-89-9    | <0.00020 | 0.00020 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Hexachloroethane                            | 67-72-1    | <0.00050 | 0.00050 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |



## Analytical Results

WT2517131-031

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-0'-2'

Client sampling date / time: 27-Jun-2025

| Analyte                              | CAS Number | Result                  | LOR     | Unit  | Method/Lab | Prep Date   | Analysis Date | QC/Lot  |
|--------------------------------------|------------|-------------------------|---------|-------|------------|-------------|---------------|---------|
| Organochlorine Pesticides            |            |                         |         |       |            |             |               |         |
| Methoxychlor                         | 72-43-5    | <0.00100 <sup>DLM</sup> | 0.00100 | mg/kg | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Organochlorine Pesticides Surrogates |            |                         |         |       |            |             |               |         |
| Decachlorobiphenyl                   | 2051-24-3  | 71.9                    | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |
| Tetrachloro-m-xylene                 | 877-09-8   | 70.4                    | 0.1     | %     | E660F-L/WT | 03-Jul-2025 | 08-Jul-2025   | 2087348 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517131-032

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-2.5'-4.5'

Client sampling date / time: 27-Jun-2025

| Analyte                        | CAS Number | Result | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QC/Lot  |
|--------------------------------|------------|--------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |        |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.125  | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 11.6   | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086298 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.66   | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |        |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050 | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |        |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 3.74   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | <0.50  | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content    | 17341-25-2 | 0.79   | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]  | ----       | 0.11   | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                         |            |        |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.16   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                        | 7440-38-2  | 5.48   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                         | 7440-39-3  | 95.0   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                      | 7440-41-7  | 0.78   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                          | 7440-42-8  | 15.2   | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble       | 7440-42-8  | <0.10  | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                        | 7440-43-9  | 0.116  | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                       | 7440-47-3  | 22.3   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                         | 7440-48-4  | 12.0   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                         | 7440-50-8  | 26.8   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                           | 7439-92-1  | 11.6   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                        | 7439-97-6  | 0.0146 | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                     | 7439-98-7  | 0.45   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                         | 7440-02-0  | 25.4   | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                       | 7782-49-2  | <0.20  | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                         | 7440-22-4  | <0.10  | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                       | 7440-28-0  | 0.153  | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                        | 7440-61-1  | 0.582  | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                       | 7440-62-2  | 32.5   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                           | 7440-66-6  | 60.3   | 2.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |





## Analytical Results

WT2517131-032

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-2.5'-4.5'

Client sampling date / time: 27-Jun-2025

| Analyte                           | CAS Number  | Result  | LOR    | Unit  | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|-------------|---------|--------|-------|------------|-------------|---------------|---------|
| Speciated Metals                  |             |         |        |       |            |             |               |         |
| Chromium, hexavalent [Cr VI]      | 18540-29-9  | 0.17    | 0.10   | mg/kg | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| Volatile Organic Compounds        |             |         |        |       |            |             |               |         |
| Acetone                           | 67-64-1     | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Benzene                           | 71-43-2     | <0.0050 | 0.0050 | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromodichloromethane              | 75-27-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromoform                         | 75-25-2     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromomethane                      | 74-83-9     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Carbon tetrachloride              | 56-23-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Chlorobenzene                     | 108-90-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Chloroform                        | 67-66-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dibromochloromethane              | 124-48-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dibromoethane, 1,2-               | 106-93-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,2-             | 95-50-1     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,3-             | 541-73-1    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,4-             | 106-46-7    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorodifluoromethane           | 75-71-8     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethane, 1,1-              | 75-34-3     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethane, 1,2-              | 107-06-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, 1,1-            | 75-35-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, cis-1,2-        | 156-59-2    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, trans-1,2-      | 156-60-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloromethane                   | 75-09-2     | <0.045  | 0.045  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropane, 1,2-             | 78-87-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, cis+trans-1,3- | 542-75-6    | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, cis-1,3-       | 10061-01-5  | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, trans-1,3-     | 10061-02-6  | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Ethylbenzene                      | 100-41-4    | <0.015  | 0.015  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Hexane, n-                        | 110-54-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl ethyl ketone [MEK]         | 78-93-3     | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl isobutyl ketone [MIBK]     | 108-10-1    | <0.50   | 0.50   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl-tert-butyl ether [MTBE]    | 1634-04-4   | <0.040  | 0.040  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Styrene                           | 100-42-5    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethane, 1,1,1,2-       | 630-20-6    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethane, 1,1,2,2-       | 79-34-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethylene               | 127-18-4    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Toluene                           | 108-88-3    | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethane, 1,1,1-           | 71-55-6     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethane, 1,1,2-           | 79-00-5     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethylene                 | 79-01-6     | <0.010  | 0.010  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichlorofluoromethane            | 75-69-4     | <0.050  | 0.050  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Vinyl chloride                    | 75-01-4     | <0.020  | 0.020  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylene, m+p-                      | 179601-23-1 | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylene, o-                        | 95-47-6     | <0.030  | 0.030  | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylenes, total                    | 1330-20-7   | <0.050  | 0.05   | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| BTEX, total                       | ----        | <0.10   | 0.1    | mg/kg | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |



## Analytical Results

WT2517131-032

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-2.5'-4.5'

Client sampling date / time: 27-Jun-2025

| Analyte                                     | CAS Number | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Hydrocarbons                                |            |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----       | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082076 |
| F2 (C10-C16)                                | ----       | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F2-Naphthalene                              | ----       | <25    | 25    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F3 (C16-C34)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3-PAH                                      | n/a        | <50    | 50    | mg/kg | EC600/WT     | -           | 03-Jul-2025   | -       |
| F4 (C34-C50)                                | ----       | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----       | <5.0   | 5     | mg/kg | EC580/WT     | -           | 03-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a        | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a        | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |            |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6   | 79.9   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0    | 90.6   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082076 |
| Volatile Organic Compounds Surrogates       |            |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4   | 109    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Difluorobenzene, 1,4-                       | 540-36-3   | 115    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Polycyclic Aromatic Hydrocarbons            |            |        |       |       |              |             |               |         |
| Acenaphthene                                | 83-32-9    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Acenaphthylene                              | 208-96-8   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Anthracene                                  | 120-12-7   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benz(a)anthracene                           | 56-55-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(a)pyrene                              | 50-32-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(b+j)fluoranthene                      | n/a        | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(g,h,i)perylene                        | 191-24-2   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Benzo(k)fluoranthene                        | 207-08-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene                                    | 218-01-9   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Dibenz(a,h)anthracene                       | 53-70-3    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluoranthene                                | 206-44-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Fluorene                                    | 86-73-7    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Indeno(1,2,3-c,d)pyrene                     | 193-39-5   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1-                       | 90-12-0    | <0.030 | 0.030 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 1+2-                     | ----       | <0.050 | 0.05  | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Methylnaphthalene, 2-                       | 91-57-6    | <0.030 | 0.030 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene                                 | 91-20-3    | <0.010 | 0.010 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene                                | 85-01-8    | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Pyrene                                      | 129-00-0   | <0.050 | 0.050 | mg/kg | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Polycyclic Aromatic Hydrocarbons Surrogates |            |        |       |       |              |             |               |         |
| Acridine-d9                                 | 34749-75-2 | 85.3   | 0.1   | %     | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Chrysene-d12                                | 1719-03-5  | 79.5   | 0.1   | %     | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Naphthalene-d8                              | 1146-65-2  | 84.8   | 0.1   | %     | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |
| Phenanthrene-d10                            | 1517-22-2  | 88.8   | 0.1   | %     | E641A/WT     | 30-Jun-2025 | 02-Jul-2025   | 2082102 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.





## Analytical Results

WT2517131-033

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-7.5'-9.5'

Client sampling date / time: 27-Jun-2025

| Analyte                        | CAS Number | Result  | LOR     | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|--------------------------------|------------|---------|---------|----------|------------|-------------|---------------|---------|
| Physical Tests                 |            |         |         |          |            |             |               |         |
| Conductivity (1:2 leachate)    | ----       | 0.122   | 0.00500 | mS/cm    | E100-L/WT  | 03-Jul-2025 | 03-Jul-2025   | 2084606 |
| Moisture                       | ----       | 10.1    | 0.25    | %        | E144/WT    | -           | 03-Jul-2025   | 2086310 |
| pH (1:2 soil:CaCl2-aq)         | ----       | 7.77    | 0.10    | pH units | E108A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084603 |
| Cyanides                       |            |         |         |          |            |             |               |         |
| Cyanide, weak acid dissociable | ----       | <0.050  | 0.050   | mg/kg    | E336A/WT   | 02-Jul-2025 | 03-Jul-2025   | 2084610 |
| Fixed-Ratio Extractables       |            |         |         |          |            |             |               |         |
| Calcium, soluble ion content   | 7440-70-2  | 2.77    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Magnesium, soluble ion content | 7439-95-4  | 0.99    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium, soluble ion content    | 17341-25-2 | 0.79    | 0.50    | mg/L     | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Sodium adsorption ratio [SAR]  | ----       | 0.10    | 0.10    | -        | E484/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084607 |
| Metals                         |            |         |         |          |            |             |               |         |
| Antimony                       | 7440-36-0  | 0.24    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Arsenic                        | 7440-38-2  | 5.69    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Barium                         | 7440-39-3  | 130     | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Beryllium                      | 7440-41-7  | 0.84    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron                          | 7440-42-8  | 22.5    | 5.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Boron, hot water soluble       | 7440-42-8  | <0.10   | 0.10    | mg/kg    | E487/WT    | 03-Jul-2025 | 03-Jul-2025   | 2084609 |
| Cadmium                        | 7440-43-9  | 0.103   | 0.020   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Chromium                       | 7440-47-3  | 22.5    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Cobalt                         | 7440-48-4  | 13.3    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Copper                         | 7440-50-8  | 26.5    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Lead                           | 7439-92-1  | 12.1    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Mercury                        | 7439-97-6  | 0.0100  | 0.0050  | mg/kg    | E510C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084605 |
| Molybdenum                     | 7439-98-7  | 0.68    | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Nickel                         | 7440-02-0  | 27.3    | 0.50    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Selenium                       | 7782-49-2  | <0.20   | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Silver                         | 7440-22-4  | <0.10   | 0.10    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Thallium                       | 7440-28-0  | 0.137   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Uranium                        | 7440-61-1  | 0.634   | 0.050   | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Vanadium                       | 7440-62-2  | 33.0    | 0.20    | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Zinc                           | 7440-66-6  | 63.5    | 2.0     | mg/kg    | E440C/WT   | 03-Jul-2025 | 04-Jul-2025   | 2084604 |
| Speciated Metals               |            |         |         |          |            |             |               |         |
| Chromium, hexavalent [Cr VI]   | 18540-29-9 | 0.13    | 0.10    | mg/kg    | E532/WT    | 02-Jul-2025 | 03-Jul-2025   | 2084608 |
| Volatile Organic Compounds     |            |         |         |          |            |             |               |         |
| Acetone                        | 67-64-1    | <0.50   | 0.50    | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Benzene                        | 71-43-2    | <0.0050 | 0.0050  | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromodichloromethane           | 75-27-4    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromoform                      | 75-25-2    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Bromomethane                   | 74-83-9    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Carbon tetrachloride           | 56-23-5    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Chlorobenzene                  | 108-90-7   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Chloroform                     | 67-66-3    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dibromochloromethane           | 124-48-1   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dibromoethane, 1,2-            | 106-93-4   | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,2-          | 95-50-1    | <0.050  | 0.050   | mg/kg    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |



## Analytical Results

WT2517131-033

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-7.5'-9.5'

Client sampling date / time: 27-Jun-2025

| Analyte                                     | CAS Number  | Result | LOR   | Unit  | Method/Lab   | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------------|-------------|--------|-------|-------|--------------|-------------|---------------|---------|
| Volatile Organic Compounds                  |             |        |       |       |              |             |               |         |
| Dichlorobenzene, 1,3-                       | 541-73-1    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorobenzene, 1,4-                       | 106-46-7    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichlorodifluoromethane                     | 75-71-8     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethane, 1,1-                        | 75-34-3     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethane, 1,2-                        | 107-06-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, 1,1-                      | 75-35-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, cis-1,2-                  | 156-59-2    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloroethylene, trans-1,2-                | 156-60-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloromethane                             | 75-09-2     | <0.045 | 0.045 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropane, 1,2-                       | 78-87-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, cis+trans-1,3-           | 542-75-6    | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, cis-1,3-                 | 10061-01-5  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Dichloropropylene, trans-1,3-               | 10061-02-6  | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Ethylbenzene                                | 100-41-4    | <0.015 | 0.015 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Hexane, n-                                  | 110-54-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl ethyl ketone [MEK]                   | 78-93-3     | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl isobutyl ketone [MIBK]               | 108-10-1    | <0.50  | 0.50  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4   | <0.040 | 0.040 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Styrene                                     | 100-42-5    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethane, 1,1,1,2-                 | 630-20-6    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethane, 1,1,2,2-                 | 79-34-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Tetrachloroethylene                         | 127-18-4    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Toluene                                     | 108-88-3    | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethane, 1,1,1-                     | 71-55-6     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethane, 1,1,2-                     | 79-00-5     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichloroethylene                           | 79-01-6     | <0.010 | 0.010 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Trichlorofluoromethane                      | 75-69-4     | <0.050 | 0.050 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Vinyl chloride                              | 75-01-4     | <0.020 | 0.020 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylene, m+p-                                | 179601-23-1 | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylene, o-                                  | 95-47-6     | <0.030 | 0.030 | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Xylenes, total                              | 1330-20-7   | <0.050 | 0.05  | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| BTEX, total                                 | ----        | <0.10  | 0.1   | mg/kg | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |
| Hydrocarbons                                |             |        |       |       |              |             |               |         |
| F1 (C6-C10)                                 | ----        | <5.0   | 5.0   | mg/kg | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082076 |
| F2 (C10-C16)                                | ----        | <10    | 10    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F3 (C16-C34)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F4 (C34-C50)                                | ----        | <50    | 50    | mg/kg | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| F1-BTEX                                     | ----        | <5.0   | 5     | mg/kg | EC580/WT     | -           | 04-Jul-2025   | -       |
| Hydrocarbons, total (C6-C50)                | n/a         | <80    | 80    | mg/kg | EC581/WT     | -           | 03-Jul-2025   | -       |
| Chromatogram to baseline at nC50            | n/a         | YES    | -     | -     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Hydrocarbons Surrogates                     |             |        |       |       |              |             |               |         |
| Bromobenzotrifluoride, 2- (F2-F4 surrogate) | 392-83-6    | 89.2   | 1.0   | %     | E601.SG-L/WT | 30-Jun-2025 | 01-Jul-2025   | 2082103 |
| Dichlorotoluene, 3,4-                       | 95-75-0     | 89.6   | 1.0   | %     | E581.F1/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082076 |
| Volatile Organic Compounds Surrogates       |             |        |       |       |              |             |               |         |
| Bromofluorobenzene, 4-                      | 460-00-4    | 103    | 0.10  | %     | E611D/WT     | 30-Jun-2025 | 30-Jun-2025   | 2082075 |



Analytical Results

WT2517131-033

Sub-Matrix: Soil

(Matrix: Soil/Solid)

Client sample ID: S-12669624-270625-RB-BH25-02-7.5'-9.5'

Client sampling date / time: 27-Jun-2025

| Analyte                               | CAS Number | Result | LOR  | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|---------------------------------------|------------|--------|------|------|------------|-------------|---------------|---------|
| Volatile Organic Compounds Surrogates |            |        |      |      |            |             |               |         |
| Difluorobenzene, 1,4-                 | 540-36-3   | 107    | 0.10 | %    | E611D/WT   | 30-Jun-2025 | 30-Jun-2025   | 2082075 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## QUALITY CONTROL INTERPRETIVE REPORT

|                         |                                                    |                       |                                                                 |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------------|
| Work Order              | : WT2517131                                        | Page                  | : 1 of 58                                                       |
| Amendment               | : 1                                                |                       |                                                                 |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 27-Jun-2025 13:35                                             |
| PO                      | : 735-014194-1                                     | Issue Date            | : 15-Jul-2025 15:24                                             |
| C-O-C number            | : ----                                             |                       |                                                                 |
| Sampler                 | : CLIENT                                           |                       |                                                                 |
| Site                    | : ----                                             |                       |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                       |                                                                 |
| No. of samples received | : 33                                               |                       |                                                                 |
| No. of samples analysed | : 33                                               |                       |                                                                 |

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

### Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO: Data Quality Objective.

LOR: Limit of Reporting (detection limit).

RPD: Relative Percent Difference.

### Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

### Summary of Outliers

#### Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Matrix Spike outliers occur.
- Laboratory Control Sample (LCS) outliers occur - please see following pages for full details.
- No Test sample Surrogate recovery outliers exist.

#### Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- No Analysis Holding Time Outliers exist.

### ***Outliers : Frequency of Quality Control Samples***

- No Quality Control Sample Frequency Outliers occur.



## Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix: Soil/Solid

| Analyte Group                                     | Laboratory sample ID | Client/Ref Sample ID | Analyte      | CAS Number | Method  | Result                  | Limits    | Comment                                   |
|---------------------------------------------------|----------------------|----------------------|--------------|------------|---------|-------------------------|-----------|-------------------------------------------|
| <b>Laboratory Control Sample (LCS) Recoveries</b> |                      |                      |              |            |         |                         |           |                                           |
| Organochlorine Pesticides                         | QC-2093743-002       | ----                 | DDD, 2,4'-   | 53-19-0    | E660F-L | 154 % <sup>LCS-H</sup>  | 50.0-150% | Recovery greater than upper control limit |
| Organochlorine Pesticides                         | QC-2093743-002       | ----                 | Dieldrin     | 60-57-1    | E660F-L | 153 % <sup>LCS-H</sup>  | 50.0-150% | Recovery greater than upper control limit |
| Organochlorine Pesticides                         | QC-2093743-002       | ----                 | Methoxychlor | 72-43-5    | E660F-L | 38.8 % <sup>LCS-L</sup> | 50.0-150% | Recovery less than lower control limit    |

## Result Qualifiers

| Qualifier | Description                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCS-H     | Lab Control Sample recovery was above ALS DQO. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.                                                                 |
| LCS-L     | Lab Control Sample recovery was below ALS DQO. Reference Material and/or Matrix Spike results were acceptable. Non-detected sample results are considered reliable. Other results, if reported, have been qualified. |





## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                   | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7"     | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E336A  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 14 days       | 0 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 02-Jul-2025   | 14 days       | 2 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E336A  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 02-Jul-2025   | 14 days       | 2 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E336A  | 27-Jun-2025   | 02-Jul-2025              | 14 days       | 6 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E336A  | 27-Jun-2025   | 02-Jul-2025              | 14 days       | 6 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E336A  | 27-Jun-2025   | 02-Jul-2025              | 14 days       | 6 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E336A   | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E336A   | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E336A   | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E336A   | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E336A   | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Cyanides : WAD Cyanide (0.01M NaOH Extraction)                                      |         |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E336A   | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 03-Jul-2025   | 14 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'            | E581.F1 | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5'        | E581.F1 | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5'        | E581.F1 | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E581.F1 | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method  | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |         |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |         |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E581.F1 | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                             |         |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E581.F1 | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-DUP 6                    | E581.F1   | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHC - F1 by Headspace GC-FID                                    |           |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                                    | E581.F1   | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E601.SG-L | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E601.SG-L | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E601.SG-L | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E601.SG-L | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 01-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E601.SG-L | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E601.SG-L | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E601.SG-L | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E601.SG-L | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E601.SG-L | 26-Jun-2025   | 02-Jul-2025              | 14 days       | 7 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method    | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |           |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |           |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method    | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|-----------|---------------|--------------------------|---------------|---------|------|---------------|---------------|--------|------|
|                                                                                     |           |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |           |               |                          | Rec           | Actual  |      |               | Rec           | Actual |      |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days  | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days  | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days  | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days  | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days  | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Hydrocarbons : CCME PHCs - F2-F4 by GC-FID (Low Level)                              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E601.SG-L | 25-Jun-2025   | 02-Jul-2025              | 14 days       | 8 days  | ✓    | 04-Jul-2025   | 40 days       | 1 days | ✓    |
| Inorganics : Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)              |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7'     | E396-L    | 25-Jun-2025   | 04-Jul-2025              | 14 days       | 10 days | ✓    | 04-Jul-2025   | 7 days        | 0 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Chloride by IC                     |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7'     | E236.Cl   | 25-Jun-2025   | 07-Jul-2025              | 30 days       | 13 days | ✓    | 07-Jul-2025   | 28 days       | 0 days | ✓    |
| Leachable Anions & Nutrients : Water Extractable Sulfate by IC                      |           |               |                          |               |         |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7'     | E236.SO4  | 25-Jun-2025   | 07-Jul-2025              | 30 days       | 13 days | ✓    | 07-Jul-2025   | 28 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E487   | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E487   | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E487   | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E487   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E487   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E487   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E487   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E487   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E487   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E487   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E487   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E487   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E487   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E487   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E487   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E487   | 26-Jun-2025   | 04-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Boron-Hot Water Extractable by ICPOES                                      |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E487   | 26-Jun-2025   | 04-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E510C  | 26-Jun-2025   | 02-Jul-2025              | 28 days       | 7 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E510C  | 26-Jun-2025   | 02-Jul-2025              | 28 days       | 7 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E510C  | 26-Jun-2025   | 02-Jul-2025              | 28 days       | 7 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E510C  | 26-Jun-2025   | 02-Jul-2025              | 28 days       | 7 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E510C  | 26-Jun-2025   | 02-Jul-2025              | 28 days       | 7 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E510C  | 27-Jun-2025   | 03-Jul-2025              | 28 days       | 7 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E510C  | 27-Jun-2025   | 03-Jul-2025              | 28 days       | 7 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E510C  | 27-Jun-2025   | 03-Jul-2025              | 28 days       | 7 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E510C  | 25-Jun-2025   | 02-Jul-2025              | 28 days       | 8 days | ✓    | 03-Jul-2025   | 28 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E510C  | 26-Jun-2025   | 04-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E510C  | 26-Jun-2025   | 04-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 0 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E510C  | 26-Jun-2025   | 03-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E510C  | 26-Jun-2025   | 03-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E510C  | 26-Jun-2025   | 03-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E510C  | 26-Jun-2025   | 03-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E510C  | 26-Jun-2025   | 03-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Mercury in Soil/Solid by CVAAS (<355 µm)                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E510C  | 26-Jun-2025   | 03-Jul-2025              | 28 days       | 8 days | ✓    | 04-Jul-2025   | 28 days       | 1 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E440C  | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 7 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E440C  | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E440C  | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E440C  | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E440C  | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E440C  | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 04-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E440C  | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 04-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E440C  | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 04-Jul-2025   | 180 days      | 7 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E440C  | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E440C  | 26-Jun-2025   | 04-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E440C  | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E440C  | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E440C  | 26-Jun-2025   | 04-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E440C  | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E440C  | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E440C  | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Metals in Soil/Solid by CRC ICPMS (<355 µm)                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E440C  | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E484   | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E484   | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E484   | 27-Jun-2025   | 03-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E484   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E484   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E484   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E484   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E484   | 26-Jun-2025   | 02-Jul-2025              | 180 days      | 7 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E484   | 26-Jun-2025   | 04-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E484   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E484   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E484   | 26-Jun-2025   | 04-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E484   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E484   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E484   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E484   | 26-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 0 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days | ✓    | 03-Jul-2025   | 180 days      | 1 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |         |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|---------|------|---------------|---------------|---------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |         | Eval |
|                                                                                     |        |               |                          | Rec           | Actual  |      |               | Rec           | Actual  |      |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| Metals : Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)                       |        |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E484   | 25-Jun-2025   | 02-Jul-2025              | 180 days      | 8 days  | ✓    | 03-Jul-2025   | 180 days      | 1 days  | ✓    |
| mSPLP VOCs : VOCs by Headspace GC-MS (ON mSPLP)                                     |        |               |                          |               |         |      |               |               |         |      |
| Glass vial (sodium bisulfate)<br>S-12669624-260625-RB-BH25-04-5'-7'                 | E619D  | 10-Jul-2025   | 11-Jul-2025              | 28 days       | 15 days | ✓    | 11-Jul-2025   | 28 days       | 15 days | ✓    |
| mSPLP VOCs : VOCs by Headspace GC-MS (ON mSPLP)                                     |        |               |                          |               |         |      |               |               |         |      |
| Glass vial (sodium bisulfate)<br>S-12669624-260625-RB-BH25-09-0'-2'                 | E619D  | 10-Jul-2025   | 11-Jul-2025              | 28 days       | 15 days | ✓    | 11-Jul-2025   | 28 days       | 15 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                           | Method  | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |         |      |
|------------------------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|---------|------|---------------|---------------|---------|------|
|                                                                                                |         |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |         | Eval |
|                                                                                                |         |               |                          | Rec           | Actual  |      |               | Rec           | Actual  |      |
| ON mSPLP Metal (target pH= 5) : Metals by CRC ICPMS (mSPLP)                                    |         |               |                          |               |         |      |               |               |         |      |
| HDPE - total (lab preserved)<br>S-12669624-260625-RB-BH25-04-5'-7'                             | E443    | 10-Jul-2025   | 11-Jul-2025              | 194 days      | 16 days | ✓    | 11-Jul-2025   | 194 days      | 16 days | ✓    |
| ON mSPLP Metal (target pH= 5) : Metals by CRC ICPMS (mSPLP)                                    |         |               |                          |               |         |      |               |               |         |      |
| HDPE - total (lab preserved)<br>S-12669624-260625-RB-BH25-09-0'-2'                             | E443    | 10-Jul-2025   | 11-Jul-2025              | 194 days      | 16 days | ✓    | 11-Jul-2025   | 194 days      | 16 days | ✓    |
| ON mSPLP Metal (target pH= 5) : mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs)     |         |               |                          |               |         |      |               |               |         |      |
| Lab Split - Non-Volatile Leach: 14 day HT (e.g. CN,SVOC)<br>S-12669624-260625-RB-BH25-04-5'-7' | EPP443  | 26-Jun-2025   | 10-Jul-2025              | ----          | ----    |      | ----          | 14 days       | 14 days | ✓    |
| ON mSPLP Metal (target pH= 5) : mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs)     |         |               |                          |               |         |      |               |               |         |      |
| Lab Split - Non-Volatile Leach: 14 day HT (e.g. CN,SVOC)<br>S-12669624-260625-RB-BH25-09-0'-2' | EPP443  | 26-Jun-2025   | 10-Jul-2025              | ----          | ----    |      | ----          | 14 days       | 14 days | ✓    |
| ON mSPLP VOC (reagent water) : mSPLP Leachate Preparation (VOCs and Cyanide)                   |         |               |                          |               |         |      |               |               |         |      |
| Lab Split - ZHE Leach 14 day HT(eg. BTEX)<br>S-12669624-260625-RB-BH25-04-5'-7'                | EPP584  | 26-Jun-2025   | 10-Jul-2025              | ----          | ----    |      | ----          | 14 days       | 14 days | ✓    |
| ON mSPLP VOC (reagent water) : mSPLP Leachate Preparation (VOCs and Cyanide)                   |         |               |                          |               |         |      |               |               |         |      |
| Lab Split - ZHE Leach 14 day HT(eg. BTEX)<br>S-12669624-260625-RB-BH25-09-0'-2'                | EPP584  | 26-Jun-2025   | 10-Jul-2025              | ----          | ----    |      | ----          | 14 days       | 14 days | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                                       |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'                | E660F-L | 27-Jun-2025   | 03-Jul-2025              | 60 days       | 7 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                                       |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'                | E660F-L | 26-Jun-2025   | 03-Jul-2025              | 60 days       | 8 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                                       |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'                | E660F-L | 26-Jun-2025   | 03-Jul-2025              | 60 days       | 8 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)            | Method  | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |         |      |
|---------------------------------------------------------------------------------|---------|---------------|--------------------------|---------------|---------|------|---------------|---------------|---------|------|
|                                                                                 |         |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |         | Eval |
|                                                                                 |         |               |                          | Rec           | Actual  |      |               | Rec           | Actual  |      |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2' | E660F-L | 26-Jun-2025   | 03-Jul-2025              | 60 days       | 8 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2' | E660F-L | 26-Jun-2025   | 03-Jul-2025              | 60 days       | 8 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2' | E660F-L | 25-Jun-2025   | 03-Jul-2025              | 60 days       | 9 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2' | E660F-L | 25-Jun-2025   | 03-Jul-2025              | 60 days       | 9 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2' | E660F-L | 25-Jun-2025   | 03-Jul-2025              | 60 days       | 9 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2' | E660F-L | 25-Jun-2025   | 03-Jul-2025              | 60 days       | 9 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Organochlorine Pesticides : OCPs by GC-MS-MS (Low Level)                        |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7         | E660F-L | 25-Jun-2025   | 03-Jul-2025              | 60 days       | 9 days  | ✓    | 07-Jul-2025   | 40 days       | 4 days  | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)   |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7' | E100-L  | 25-Jun-2025   | 07-Jul-2025              | 30 days       | 12 days | ✓    | 07-Jul-2025   | 30 days       | 12 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)   |         |               |                          |               |         |      |               |               |         |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2' | E100-L  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days  | ✓    | 03-Jul-2025   | 30 days       | 7 days  | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E100-L | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E100-L | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E100-L | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E100-L | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E100-L | 27-Jun-2025   | 03-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E100-L | 27-Jun-2025   | 03-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E100-L | 27-Jun-2025   | 03-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E100-L | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E100-L | 26-Jun-2025   | 04-Jul-2025              | 30 days       | 8 days | ✓    | 04-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E100-L | 26-Jun-2025   | 03-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E100-L | 26-Jun-2025   | 03-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E100-L | 26-Jun-2025   | 04-Jul-2025              | 30 days       | 8 days | ✓    | 04-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E100-L | 26-Jun-2025   | 03-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E100-L | 26-Jun-2025   | 03-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E100-L | 26-Jun-2025   | 03-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level)       |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E100-L | 26-Jun-2025   | 03-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7'     | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 30-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 29-Jun-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 30-Jun-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E144   | 26-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E144   | 27-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E144   | 27-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E144   | 27-Jun-2025   | ----                     | ----          | ----   |      | 03-Jul-2025   | ----          | ----   |      |
| Physical Tests : Moisture Content by Gravimetry                                     |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                                    | E144   | 25-Jun-2025   | ----                     | ----          | ----   |      | 02-Jul-2025   | ----          | ----   |      |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : ORP by Electrode                                                   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7'     | E125   | 25-Jun-2025   | 03-Jul-2025              | 180 days      | 8 days | ✓    | 04-Jul-2025   | 180 days      | 8 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E108A  | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 04-Jul-2025   | 30 days       | 4 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E108A  | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 04-Jul-2025   | 30 days       | 5 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E108A  | 27-Jun-2025   | 02-Jul-2025              | 30 days       | 6 days | ✓    | 03-Jul-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E108A  | 27-Jun-2025   | 02-Jul-2025              | 30 days       | 6 days | ✓    | 03-Jul-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E108A  | 27-Jun-2025   | 02-Jul-2025              | 30 days       | 6 days | ✓    | 03-Jul-2025   | 30 days       | 6 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E108A  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |

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 Work Order : WT2517131 Amendment 1  
 Client : GHD Limited  
 Project : 12669624-120.120.10



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E108A  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E108A  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E108A  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E108A  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E108A  | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 30 days       | 7 days | ✓    |
| Physical Tests : pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received        |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-5'-7'     | E108A  | 25-Jun-2025   | 02-Jul-2025              | 30 days       | 8 days | ✓    | 03-Jul-2025   | 30 days       | 8 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E641A  | 27-Jun-2025   | 30-Jun-2025              | 60 days       | 4 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E641A  | 27-Jun-2025   | 30-Jun-2025              | 60 days       | 4 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E641A  | 26-Jun-2025   | 30-Jun-2025              | 60 days       | 5 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E641A  | 26-Jun-2025   | 30-Jun-2025              | 60 days       | 5 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E641A  | 26-Jun-2025   | 30-Jun-2025              | 60 days       | 5 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E641A  | 26-Jun-2025   | 30-Jun-2025              | 60 days       | 5 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E641A  | 26-Jun-2025   | 30-Jun-2025              | 60 days       | 5 days | ✓    | 02-Jul-2025   | 40 days       | 2 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E641A  | 26-Jun-2025   | 02-Jul-2025              | 60 days       | 7 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E641A  | 26-Jun-2025   | 02-Jul-2025              | 60 days       | 7 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E641A  | 26-Jun-2025   | 02-Jul-2025              | 60 days       | 7 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E641A  | 26-Jun-2025   | 02-Jul-2025              | 60 days       | 7 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex:Ace GC-MS              |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Polycyclic Aromatic Hydrocarbons : PAHs in Soil/solid by Hex: Ace GC-MS             |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E641A  | 25-Jun-2025   | 02-Jul-2025              | 60 days       | 8 days | ✓    | 03-Jul-2025   | 40 days       | 0 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'     | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 4 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 3 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E532   | 26-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 3 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |





Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E532   | 25-Jun-2025   | 30-Jun-2025              | 30 days       | 5 days | ✓    | 03-Jul-2025   | 7 days        | 4 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'     | E532   | 27-Jun-2025   | 02-Jul-2025              | 30 days       | 6 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5' | E532   | 27-Jun-2025   | 02-Jul-2025              | 30 days       | 6 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5' | E532   | 27-Jun-2025   | 02-Jul-2025              | 30 days       | 6 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E532   | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|-------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                                     |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                                     |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E532   | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E532   | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E532   | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E532   | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Speciated Metals : Hexavalent Chromium (Cr VI) by IC                                |        |               |                          |               |        |      |               |               |        |      |
| Glass soil jar/Teflon lined cap [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E532   | 26-Jun-2025   | 02-Jul-2025              | 30 days       | 7 days | ✓    | 03-Jul-2025   | 7 days        | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS          |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-270625-RB-BH25-02-0'-2'            | E611D  | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS          |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-270625-RB-BH25-02-2.5'-4.5'        | E611D  | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS          |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-270625-RB-BH25-02-7.5'-9.5'        | E611D  | 27-Jun-2025   | 30-Jun-2025              | 14 days       | 3 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS          |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-01-0'-2'            | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |

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 Client : GHD Limited  
 Project : 12669624-120.120.10



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-01-2.5'-4.5  | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-01-5'-7'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-04-0'-2'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-04-2.5'-4.5' | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-04-5'-7'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-06-0'-2'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-06-2.5'-4.5' | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-06-5'-7'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-09-0'-2'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |

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Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-09-2.5'-4.5' | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-BH25-09-5'-7'     | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-260625-RB-DUP 8             | E611D  | 26-Jun-2025   | 30-Jun-2025              | 14 days       | 4 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-10-0'-2'     | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-10-2.5'-4.5' | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-10-5'-7'     | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-13-0'-2'     | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-13-2.5'-4.5' | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-13-7.5'-9.5' | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |

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Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)         | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |        |      |
|------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|--------|------|
|                                                                              |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |        | Eval |
|                                                                              |        |               |                          | Rec           | Actual |      |               | Rec           | Actual |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-DUP 7             | E611D  | 25-Jun-2025   | 30-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 0 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-12-0'-2'     | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-12-2.5'-4.5' | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-12-7.5'-9.5' | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-16-0'-2'     | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-16-2.5'-4.5' | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-BH25-16-7.5'-9.5' | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-DUP 5             | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS   |        |               |                          |               |        |      |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>S-12669624-250625-RB-DUP 6             | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓    | 30-Jun-2025   | 40 days       | 1 days | ✓    |

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 Work Order : WT2517131 Amendment 1  
 Client : GHD Limited  
 Project : 12669624-120.120.10



Matrix: **Soil/Solid**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                          |  | Method | Sampling Date | Extraction / Preparation |               |        | Analysis |               |               |        |      |
|----------------------------------------------------------------------------|--|--------|---------------|--------------------------|---------------|--------|----------|---------------|---------------|--------|------|
| Container / Client Sample ID(s)                                            |  |        |               | Preparation Date         | Holding Times |        | Eval     | Analysis Date | Holding Times |        | Eval |
|                                                                            |  |        |               |                          | Rec           | Actual |          |               | Rec           | Actual |      |
|                                                                            |  |        |               |                          |               |        |          |               |               |        |      |
| Volatile Organic Compounds : VOCs (Eastern Canada List) by Headspace GC-MS |  |        |               |                          |               |        |          |               |               |        |      |
| Glass soil methanol vial [ON MECP]<br>TRIP BLANK                           |  | E611D  | 25-Jun-2025   | 29-Jun-2025              | 14 days       | 5 days | ✓        | 30-Jun-2025   | 40 days       | 1 days | ✓    |

**Legend & Qualifier Definitions**

Rec. HT: ALS recommended hold time (see units).





## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                  |           |          | Count |         | Frequency (%) |          |            |
|--------------------------------------------------------------|-----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                           | Method    | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Duplicates (DUP)                                  |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2082125  | 4     | 72      | 5.5           | 5.0      | ✓          |
| pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received  | E108A     | 2082053  | 3     | 56      | 5.3           | 5.0      | ✓          |
| ORP by Electrode                                             | E125      | 2086937  | 1     | 16      | 6.2           | 5.0      | ✓          |
| Moisture Content by Gravimetry                               | E144      | 2082059  | 5     | 81      | 6.1           | 5.0      | ✓          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2089319  | 1     | 4       | 25.0          | 5.0      | ✓          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2089318  | 1     | 4       | 25.0          | 5.0      | ✓          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2082049  | 3     | 54      | 5.5           | 5.0      | ✓          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2089556  | 1     | 10      | 10.0          | 4.7      | ✓          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2082128  | 3     | 56      | 5.3           | 5.0      | ✓          |
| Metals by CRC ICPMS (mSPLP)                                  | E443      | 2101707  | 1     | 12      | 8.3           | 5.0      | ✓          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2082124  | 3     | 56      | 5.3           | 5.0      | ✓          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2082126  | 3     | 56      | 5.3           | 5.0      | ✓          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2082127  | 3     | 56      | 5.3           | 5.0      | ✓          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2082052  | 3     | 48      | 6.2           | 5.0      | ✓          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2082046  | 3     | 58      | 5.1           | 5.0      | ✓          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2082051  | 2     | 40      | 5.0           | 5.0      | ✓          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2082045  | 3     | 59      | 5.0           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (ON mSPLP)                           | E619D     | 2101525  | 1     | 9       | 11.1          | 5.0      | ✓          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2082050  | 2     | 31      | 6.4           | 5.0      | ✓          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2087348  | 1     | 16      | 6.2           | 5.0      | ✓          |
| Laboratory Control Samples (LCS)                             |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2082125  | 8     | 72      | 11.1          | 10.0     | ✓          |
| pH by Meter (1:2 Soil:0.01M CaCl2 Extraction) - As Received  | E108A     | 2082053  | 3     | 56      | 5.3           | 5.0      | ✓          |
| ORP by Electrode                                             | E125      | 2086937  | 1     | 16      | 6.2           | 5.0      | ✓          |
| Moisture Content by Gravimetry                               | E144      | 2082059  | 5     | 81      | 6.1           | 5.0      | ✓          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2089319  | 2     | 4       | 50.0          | 10.0     | ✓          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2089318  | 2     | 4       | 50.0          | 10.0     | ✓          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2082049  | 3     | 54      | 5.5           | 5.0      | ✓          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2089556  | 1     | 10      | 10.0          | 4.7      | ✓          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2082128  | 6     | 56      | 10.7          | 10.0     | ✓          |
| Metals by CRC ICPMS (mSPLP)                                  | E443      | 2101707  | 1     | 12      | 8.3           | 5.0      | ✓          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2082124  | 6     | 56      | 10.7          | 10.0     | ✓          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2082126  | 6     | 56      | 10.7          | 10.0     | ✓          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2082127  | 6     | 56      | 10.7          | 10.0     | ✓          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2082052  | 6     | 48      | 12.5          | 10.0     | ✓          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2082046  | 3     | 58      | 5.1           | 5.0      | ✓          |



Matrix: Soil/Solid

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type                                  |           |          | Count |         | Frequency (%) |          |            |
|--------------------------------------------------------------|-----------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                                           | Method    | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Control Samples (LCS) - Continued                 |           |          |       |         |               |          |            |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2082051  | 2     | 40      | 5.0           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2082045  | 3     | 59      | 5.0           | 5.0      | ✔          |
| VOCs by Headspace GC-MS (ON mSPLP)                           | E619D     | 2101525  | 1     | 9       | 11.1          | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2082050  | 2     | 31      | 6.4           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2087348  | 2     | 16      | 12.5          | 5.0      | ✔          |
| Method Blanks (MB)                                           |           |          |       |         |               |          |            |
| Conductivity in Soil (1:2 Soil:Water Extraction) (Low Level) | E100-L    | 2082125  | 4     | 72      | 5.5           | 5.0      | ✔          |
| Moisture Content by Gravimetry                               | E144      | 2082059  | 5     | 81      | 6.1           | 5.0      | ✔          |
| Water Extractable Chloride by IC                             | E236.Cl   | 2089319  | 1     | 4       | 25.0          | 5.0      | ✔          |
| Water Extractable Sulfate by IC                              | E236.SO4  | 2089318  | 1     | 4       | 25.0          | 5.0      | ✔          |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2082049  | 3     | 54      | 5.5           | 5.0      | ✔          |
| Acid Volatile Sulfide in Soil by Colourimetry (0.2 mg/kg)    | E396-L    | 2089556  | 1     | 10      | 10.0          | 4.7      | ✔          |
| Metals in Soil/Solid by CRC ICPMS (<355 µm)                  | E440C     | 2082128  | 3     | 56      | 5.3           | 5.0      | ✔          |
| Metals by CRC ICPMS (mSPLP)                                  | E443      | 2101707  | 1     | 12      | 8.3           | 5.0      | ✔          |
| Sodium Adsorption Ratio (SAR) - 1:2 Soil:Water (Dry)         | E484      | 2082124  | 3     | 56      | 5.3           | 5.0      | ✔          |
| Boron-Hot Water Extractable by ICPOES                        | E487      | 2082126  | 3     | 56      | 5.3           | 5.0      | ✔          |
| Mercury in Soil/Solid by CVAAS (<355 µm)                     | E510C     | 2082127  | 3     | 56      | 5.3           | 5.0      | ✔          |
| Hexavalent Chromium (Cr VI) by IC                            | E532      | 2082052  | 3     | 48      | 6.2           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2082046  | 3     | 58      | 5.1           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2082051  | 2     | 40      | 5.0           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2082045  | 3     | 59      | 5.0           | 5.0      | ✔          |
| VOCs by Headspace GC-MS (ON mSPLP)                           | E619D     | 2101525  | 1     | 9       | 11.1          | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2082050  | 2     | 31      | 6.4           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2087348  | 2     | 16      | 12.5          | 5.0      | ✔          |
| Matrix Spikes (MS)                                           |           |          |       |         |               |          |            |
| WAD Cyanide (0.01M NaOH Extraction)                          | E336A     | 2082049  | 3     | 54      | 5.5           | 5.0      | ✔          |
| Metals by CRC ICPMS (mSPLP)                                  | E443      | 2101707  | 1     | 12      | 8.3           | 5.0      | ✔          |
| CCME PHC - F1 by Headspace GC-FID                            | E581.F1   | 2082046  | 3     | 58      | 5.1           | 5.0      | ✔          |
| CCME PHCs - F2-F4 by GC-FID (Low Level)                      | E601.SG-L | 2082051  | 2     | 40      | 5.0           | 5.0      | ✔          |
| VOCs (Eastern Canada List) by Headspace GC-MS                | E611D     | 2082045  | 3     | 59      | 5.0           | 5.0      | ✔          |
| VOCs by Headspace GC-MS (ON mSPLP)                           | E619D     | 2101525  | 1     | 9       | 11.1          | 5.0      | ✔          |
| PAHs in Soil/solid by Hex:Ace GC-MS                          | E641A     | 2082050  | 2     | 31      | 6.4           | 5.0      | ✔          |
| OCPs by GC-MS-MS (Low Level)                                 | E660F-L   | 2087348  | 1     | 16      | 6.2           | 5.0      | ✔          |



## Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                                                         | Method / Lab                                                | Matrix     | Method Reference                        | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------|-------------------------------------------------------------|------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conductivity in Soil (1:2 Soil:Water Extraction)<br>(Low Level)            | E100-L<br><br>ALS Environmental -<br>Waterloo               | Soil/Solid | CSSS Ch. 15<br>(mod)/APHA 2510<br>(mod) | Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Conductance is measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                    |
| pH by Meter (1:2 Soil:0.01M CaCl <sub>2</sub> Extraction)<br>- As Received | E108A<br><br>ALS Environmental -<br>Waterloo                | Soil/Solid | MECP E3530                              | pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally 20 ± 5°C) and is carried out in accordance with procedures described in the Analytical Protocol (prescriptive method). A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling, or decanting and then analyzed using a pH meter and electrode.<br><br>This method is equivalent to ASTM D4972 and is acceptable for topsoil analysis. |
| ORP by Electrode                                                           | E125<br><br>ALS Environmental -<br>Waterloo                 | Soil/Solid | APHA 2580 (mod)                         | Oxidation Reduction Potential (ORP) is reported as the oxidation-reduction potential of the platinum metal-reference electrode employed in the analysis, measured in mV.                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Moisture Content by Gravimetry                                             | E144<br><br>ALS Environmental -<br>Waterloo                 | Soil/Solid | CCME PHC in Soil - Tier<br>1            | Moisture is measured gravimetrically by drying the sample at 105°C. Moisture content is calculated as the weight loss (due to water) divided by the wet weight of the sample, expressed as a percentage.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Water Extractable Chloride by IC                                           | E236.Cl<br><br>ALS Environmental -<br>Waterloo              | Soil/Solid | EPA 300.1                               | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection using a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Anions are measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                                                                                        |
| Water Extractable Sulfate by IC                                            | E236.SO <sub>4</sub><br><br>ALS Environmental -<br>Waterloo | Soil/Solid | EPA 300.1                               | Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection using a soil sample that has been added in a defined ratio of soil to deionized water, then shaken well and allowed to settle. Anions are measured in the fluid that is observed in the upper layer.                                                                                                                                                                                                                                                                                                                                        |
| WAD Cyanide (0.01M NaOH Extraction)                                        | E336A<br><br>ALS Environmental -<br>Waterloo                | Soil/Solid | APHA 4500-CN I (mod)                    | Weak Acid Dissociable (WAD) cyanide is determined after extraction by Continuous Flow Analyzer (CFA) with in-line distillation followed by colourimetric analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Acid Volatile Sulfide in Soil by Colourimetry<br>(0.2 mg/kg)               | E396-L<br><br>ALS Environmental -<br>Waterloo               | Soil/Solid | APHA 4500S2J                            | This analysis is carried out in accordance with the method described in APHA 4500 S2-J. After extraction the Acid Volatile Sulphide is determined colourimetrically.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



| Analytical Methods                                      | Method / Lab                                | Matrix     | Method Reference                 | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------|---------------------------------------------|------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Metals in Soil/Solid by CRC ICPMS (<355 µm)             | E440C<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 6020B (mod)                  | <p>This method is intended to liberate metals that may be environmentally available. Samples are dried, then sieved through a 355 µm sieve, and digested with HNO<sub>3</sub> and HCl.</p> <p>Dependent on sample matrix, some metals may be only partially recovered, including Al, Ba, Be, Cr, Sr, Ti, Tl, V, W, and Zr. Silicate minerals are not solubilized. Volatile forms of sulfur (including sulfide) may not be captured, as they may be lost during sampling, storage, or digestion. This method does not adequately recover elemental sulfur, and is unsuitable for assessment of elemental sulfur standards or guidelines.</p> <p>Analysis is by Collision/Reaction Cell ICPMS.</p> |
| Metals by CRC ICPMS (mSPLP)                             | E443<br><br>ALS Environmental - Waterloo    | Soil/Solid | EPA 6020B (mod)                  | An extract produced by the modified Simulated Precipitation Leachate Procedure (mSPLP) as per E9003 (ON MECP), is analyzed by Collision/Reaction Cell ICPMS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sodium Adsorption Ratio (SAR) - 1:2<br>Soil:Water (Dry) | E484<br><br>ALS Environmental - Waterloo    | Soil/Solid | SW846 6010C                      | A dried, disaggregated solid sample is extracted with deionized water, the aqueous extract is separated from the solid, acidified and then analyzed using a ICP/OES. The concentrations of Na, Ca and Mg are reported as per CALA requirements for calculated parameters. These individual parameters are not for comparison to any guideline.                                                                                                                                                                                                                                                                                                                                                   |
| Boron-Hot Water Extractable by ICPOES                   | E487<br><br>ALS Environmental - Waterloo    | Soil/Solid | HW EXTR, EPA 6010B               | <p>A dried solid sample is extracted with calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES.</p> <p>Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011).</p>                                                                                                                                                                                                                                                                                                                                  |
| Mercury in Soil/Solid by CVAAS (<355 µm)                | E510C<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 200.2/1631<br>Appendix (mod) | Samples are sieved through a 355 µm sieve, and digested with HNO <sub>3</sub> and HCl, followed by CVAAS analysis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Hexavalent Chromium (Cr VI) by IC                       | E532<br><br>ALS Environmental - Waterloo    | Soil/Solid | APHA 3500-CR C                   | Instrumental analysis is performed by ion chromatography with UV detection.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CCME PHC - F1 by Headspace GC-FID                       | E581.F1<br><br>ALS Environmental - Waterloo | Soil/Solid | CCME PHC in Soil - Tier 1        | <p>CCME Fraction 1 (F1) is analyzed by static headspace GC-FID. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.</p> <p>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements.</p>                                                 |



| Analytical Methods                            | Method / Lab                                  | Matrix     | Method Reference          | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|-----------------------------------------------|------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CCME PHCs - F2-F4 by GC-FID (Low Level)       | E601.SG-L<br><br>ALS Environmental - Waterloo | Soil/Solid | CCME PHC in Soil - Tier 1 | Sample extracts are subjected to in-situ silica gel treatment prior to analysis by GC-FID for CCME hydrocarbon fractions (F2-F4).<br><br>Analytical methods for CCME Petroleum Hydrocarbons (PHCs) are validated to comply fully with the Reference Method for the Canada-Wide Standard for PHC. Test results are expressed on a dry weight basis. Unless qualified, all required quality control criteria of the CCME PHC method have been met, including response factor and linearity requirements. |
| VOCs (Eastern Canada List) by Headspace GC-MS | E611D<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8260D (mod)           | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                      |
| VOCs by Headspace GC-MS (ON mSPLP)            | E619D<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8260D (mod)           | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                      |
| PAHs in Soil/solid by Hex:Ac GC-MS            | E641A<br><br>ALS Environmental - Waterloo     | Soil/Solid | EPA 8270E (mod)           | Polycyclic Aromatic Hydrocarbons (PAHs) are extracted with hexane/acetone and analyzed by GC-MS. If reported, IACR (index of additive cancer risk, unitless) and B(a)P toxic potency equivalent (in soil concentration units) are calculated as per CCME PAH Soil Quality Guidelines fact sheet (2010) or ABT1.                                                                                                                                                                                        |
| OCPs by GC-MS-MS (Low Level)                  | E660F-L<br><br>ALS Environmental - Waterloo   | Soil/Solid | EPA 8270E (mod)           | OCPs are analyzed by GC-MS-MS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Resistivity Calculation for Soil Using E100-L | EC100R<br><br>ALS Environmental - Waterloo    | Soil/Solid | APHA 2510 B               | Soil Resistivity (calculated) is determined as the inverse of the conductivity of a 2:1 water:soil leachate (dry weight). This method is intended as a rapid approximation for Soil Resistivity. Where high accuracy results are required, direct measurement of Soil Resistivity by the Wenner Four-Electrode Method (ASTM G57) is recommended.                                                                                                                                                       |
| F1-BTEX                                       | EC580<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1 | F1-BTEX is calculated as follows: F1-BTEX = F1 (C6-C10) minus benzene, toluene, ethylbenzene and xylenes (BTEX).                                                                                                                                                                                                                                                                                                                                                                                       |
| Sum F1 to F4 (C6-C50)                         | EC581<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1 | Hydrocarbons, total (C6-C50) is the sum of CCME Fractions F1(C6-C10), F2(C10-C16), F3(C16-C34), and F4(C34-C50). F4G-sg is not used within this calculation due to overlap with other fractions.                                                                                                                                                                                                                                                                                                       |
| F2 to F3 minus PAH                            | EC600<br><br>ALS Environmental - Waterloo     | Soil/Solid | CCME PHC in Soil - Tier 1 | F2-Naphthalene = CCME Fraction 2 (C10-C16) minus Naphthalene<br>F3-PAH = CCME Fraction 3 (C16-C34) minus sPhenanthrene, Fluoranthene, Pyrene, Benz(a)anthracene, benzo(b+j)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-c,d)pyrene, and Dibenz(a,h)anthracene.                                                                                                                                                                                                                     |
| Preparation Methods                           | Method / Lab                                  | Matrix     | Method Reference          | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



| Preparation Methods                                         | Method / Lab                            | Matrix     | Method Reference                        | Method Descriptions                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------|-----------------------------------------|------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leach 1:2 Soil:Water for pH/EC                              | EP108<br>ALS Environmental - Waterloo   | Soil/Solid | BC WLAP METHOD: PH, ELECTROMETRIC, SOIL | The procedure involves mixing the dried (at <60°C) and sieved (No. 10 / 2mm) sample with deionized/distilled water at a 1:2 ratio of sediment to water.                                                                                                                                                                                                      |
| Leach 1:2 Soil : 0.01CaCl <sub>2</sub> - As Received for pH | EP108A<br>ALS Environmental - Waterloo  | Soil/Solid | MOEE E3137A                             | A minimum 10g portion of the sample, as received, is extracted with 20mL of 0.01M calcium chloride solution by shaking for at least 30 minutes. The aqueous layer is separated from the soil by centrifuging, settling or decanting and then analyzed using a pH meter and electrode.                                                                        |
| Preparation of ORP by Electrode                             | EP125<br>ALS Environmental - Waterloo   | Soil/Solid | APHA 2580 (mod)                         | Field-moist sample is extracted in a 1:2 ratio with DI water and then analyzed by ORP meter.                                                                                                                                                                                                                                                                 |
| Anions Leach 1:10 Soil:Water (Dry)                          | EP236<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 300.1                               | 5 grams of dried soil is mixed with 50 grams of distilled water for a minimum of 30 minutes. The extract is filtered and analyzed by ion chromatography.                                                                                                                                                                                                     |
| Cyanide Extraction for CFA (0.01M NaOH)                     | EP333A<br>ALS Environmental - Waterloo  | Soil/Solid | ON MECP E3015 (mod)                     | Extraction for various cyanide analysis is by rotary extraction of the soil with 0.01M Sodium Hydroxide.                                                                                                                                                                                                                                                     |
| Distillation for Acid Volatile Sulfide in Soil              | EP396-L<br>ALS Environmental - Waterloo | Soil/Solid | APHA 4500S2J                            | Acid Volatile Sulfide is determined by colourimetric measurement on a sediment sample that has been treated with hydrochloric acid within a purge and trap system, where the evolved hydrogen sulfide gas is carried into a basic solution by argon gas for analysis.                                                                                        |
| Digestion for Metals and Mercury (355 µm Sieve)             | EP440C<br>ALS Environmental - Waterloo  | Soil/Solid | EPA 200.2 (mod)                         | Samples are sieved through a 355 µm sieve, and digested with HNO <sub>3</sub> and HCl. This method is intended to liberate metals that may be environmentally available.                                                                                                                                                                                     |
| Boron-Hot Water Extractable                                 | EP487<br>ALS Environmental - Waterloo   | Soil/Solid | HW EXTR, EPA 6010B                      | A dried solid sample is extracted with weak calcium chloride, the sample undergoes a heating process. After cooling the sample is filtered and analyzed by ICP/OES.<br><br>Analysis conducted in accordance with the Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act (July 1, 2011) |
| Preparation of Hexavalent Chromium (Cr VI) for IC           | EP532<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 3060A                               | Field moist samples are digested with a sodium hydroxide/sodium carbonate solution as described in EPA 3060A.                                                                                                                                                                                                                                                |
| VOCs Methanol Extraction for Headspace Analysis             | EP581<br>ALS Environmental - Waterloo   | Soil/Solid | EPA 5035A (mod)                         | VOCs in samples are extracted with methanol. Extracts are then prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                   |





| Preparation Methods                                                               | Method / Lab                               | Matrix     | Method Reference                | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|--------------------------------------------|------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VOCs Preparation for Headspace Analysis (mSPLP)                                   | EP586<br><br>ALS Environmental - Waterloo  | Soil/Solid | EPA 5021A (mod)                 | Liquid obtained after the mSPLP process is prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                                                                                                       |
| PHCs and PAHs Hexane-Acetone Tumbler Extraction                                   | EP601<br><br>ALS Environmental - Waterloo  | Soil/Solid | CCME PHC in Soil - Tier 1 (mod) | Samples are subsampled and Petroleum Hydrocarbons (PHC) and PAHs are extracted with 1:1 hexane:acetone using a rotary extractor.                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pesticides, PCB, PAH, and Neutral Extractable Chlorinated Hydrocarbons Extraction | EP660<br><br>ALS Environmental - Waterloo  | Soil/Solid | EPA 3570 (mod)                  | A homogenized subsample is extracted with organic solvents using a mechanical shaker.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs)                        | EPP443<br><br>ALS Environmental - Waterloo | Soil/Solid | E9003                           | Preparation of the modified Synthetic Precipitation Leaching Procedure, ON MECP 2020 . A representative subsample of soil excluding stones and passed through a 9.5 mm sieve, (100 grams) is leached ( $18 \pm 2$ hours) with 2.0 liters of leaching fluid #2 (pH 5, 60:40 weight mixture of H <sub>2</sub> SO <sub>4</sub> :HNO <sub>3</sub> ). The resulting slurry is filtered through a 0.6 - 0.8 um glass fiber filter for semi-volatile organics and for metals analysis, the leachate is filtered through a 0.45um metal free filter. |
| mSPLP Leachate Preparation (VOCs and Cyanide)                                     | EPP584<br><br>ALS Environmental - Waterloo | Soil/Solid | E9003                           | The excess soil sample (25 grams) is leached in a Zero Headspace Extractor (ZHE) with 500 mL extraction fluid #3 (reagent water) for $18 \pm 2$ hours. Collect the filtered extract (0.6 - 0.8 um glass fiber) from the ZHE device. The sample is transferred into PTFE-lined septum-capped glass vials (with no headspace) for analysis of VOCs. A minimum of 50 mL leachate is collected in a glass or plastic container, preserved with sodium hydroxide to a pH >12 at the time of collection and submitted for cyanide analysis.        |

## QUALITY CONTROL REPORT

|                                |                                                    |                                |                                                                 |
|--------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| <b>Work Order</b>              | <b>: WT2517131</b>                                 | <b>Page</b>                    | <b>: 1 of 44</b>                                                |
| <b>Amendment</b>               | <b>: 1</b>                                         |                                |                                                                 |
| <b>Client</b>                  | : GHD Limited                                      | <b>Laboratory</b>              | : ALS Environmental - Waterloo                                  |
| <b>Contact</b>                 | : Joeline Chan                                     | <b>Account Manager</b>         | : Rick Hawthorne                                                |
| <b>Address</b>                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | <b>Address</b>                 | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| <b>Telephone</b>               | : ----                                             | <b>Telephone</b>               | : +1 519 886 6910                                               |
| <b>Project</b>                 | : 12669624-120.120.10                              | <b>Date Samples Received</b>   | : 27-Jun-2025 13:35                                             |
| <b>PO</b>                      | : 735-014194-1                                     | <b>Date Analysis Commenced</b> | : 29-Jun-2025                                                   |
| <b>C-O-C number</b>            | : ----                                             | <b>Issue Date</b>              | : 15-Jul-2025 15:23                                             |
| <b>Sampler</b>                 | : CLIENT                                           |                                |                                                                 |
| <b>Site</b>                    | : ----                                             |                                |                                                                 |
| <b>Quote number</b>            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                                |                                                                 |
| <b>No. of samples received</b> | : 33                                               |                                |                                                                 |
| <b>No. of samples analysed</b> | : 33                                               |                                |                                                                 |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Reference Material (RM) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| <i>Signatories</i>     | <i>Position</i>                             | <i>Laboratory Department</i>                 |
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| Niral Patel            |                                             | Waterloo Centralized Prep, Waterloo, Ontario |
| Robert Braun           | Soils Team Supervisor                       | Waterloo Inorganics, Waterloo, Ontario       |



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## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

### Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

# = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

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Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

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## Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

| Sub-Matrix: Soil/Solid                  |                                            |                                     |            |        | Laboratory Duplicate (DUP) Report |          |                 |                  |                      |                  |           |
|-----------------------------------------|--------------------------------------------|-------------------------------------|------------|--------|-----------------------------------|----------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                    | Client sample ID                           | Analyte                             | CAS Number | Method | LOR                               | Unit     | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| <b>Physical Tests (QC Lot: 2082053)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517131-003                           | S-12669624-250625-RB-B<br>H25-16-2.5'-4.5' | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 7.61            | 7.62             | 0.131%               | 5%               | ----      |
| <b>Physical Tests (QC Lot: 2082059)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517131-002                           | S-12669624-250625-RB-B<br>H25-16-0'-2'     | Moisture                            | ----       | E144   | 0.25                              | %        | 14.1            | 13.9             | 1.46%                | 20%              | ----      |
| <b>Physical Tests (QC Lot: 2082125)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517131-004                           | S-12669624-250625-RB-B<br>H25-16-7.5'-9.5' | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 0.161 mS/cm     | 161              | 0.248%               | 20%              | ----      |
| <b>Physical Tests (QC Lot: 2082186)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517053-001                           | Anonymous                                  | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 8.22            | 8.16             | 0.733%               | 5%               | ----      |
| <b>Physical Tests (QC Lot: 2082188)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517053-011                           | Anonymous                                  | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 0.405 mS/cm     | 409              | 0.983%               | 20%              | ----      |
| <b>Physical Tests (QC Lot: 2082192)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517053-001                           | Anonymous                                  | Moisture                            | ----       | E144   | 0.25                              | %        | 11.0            | 11.6             | 5.30%                | 20%              | ----      |
| <b>Physical Tests (QC Lot: 2084603)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516907-011                           | Anonymous                                  | pH (1:2 soil:CaCl2-aq)              | ----       | E108A  | 0.10                              | pH units | 7.95            | 8.00             | 0.627%               | 5%               | ----      |
| <b>Physical Tests (QC Lot: 2084606)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516907-010                           | Anonymous                                  | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 0.0496 mS/cm    | 49.2             | 0.40                 | Diff <2x LOR     | ----      |
| <b>Physical Tests (QC Lot: 2084932)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517168-009                           | Anonymous                                  | Moisture                            | ----       | E144   | 0.25                              | %        | 2.23            | 2.28             | 0.05                 | Diff <2x LOR     | ----      |
| <b>Physical Tests (QC Lot: 2086298)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517384-001                           | Anonymous                                  | Moisture                            | ----       | E144   | 0.25                              | %        | <0.25           | <0.25            | 0                    | Diff <2x LOR     | ----      |
| <b>Physical Tests (QC Lot: 2086310)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517131-033                           | S-12669624-270625-RB-B<br>H25-02-7.5'-9.5' | Moisture                            | ----       | E144   | 0.25                              | %        | 10.1            | 9.88             | 2.04%                | 20%              | ----      |
| <b>Physical Tests (QC Lot: 2086937)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2516981-001                           | Anonymous                                  | Oxidation-reduction potential [ORP] | ----       | E125   | 0.10                              | mV       | 271             | 259              | 4.53%                | 25%              | ----      |
| <b>Physical Tests (QC Lot: 2089316)</b> |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517322-002                           | Anonymous                                  | Conductivity (1:2 leachate)         | ----       | E100-L | 5.00                              | µS/cm    | 1.29 mS/cm      | 1260             | 2.67%                | 20%              | ----      |
| <b>Cyanides (QC Lot: 2082049)</b>       |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |
| WT2517131-002                           | S-12669624-250625-RB-B<br>H25-16-0'-2'     | Cyanide, weak acid dissociable      | ----       | E336A  | 0.050                             | mg/kg    | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| <b>Cyanides (QC Lot: 2082184)</b>       |                                            |                                     |            |        |                                   |          |                 |                  |                      |                  |           |

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| Sub-Matrix: Soil/Solid                 |                                            |                                |            |        | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------|--------------------------------------------|--------------------------------|------------|--------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                   | Client sample ID                           | Analyte                        | CAS Number | Method | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Cyanides (QC Lot: 2082184) - continued |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517053-001                          | Anonymous                                  | Cyanide, weak acid dissociable | ----       | E336A  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Cyanides (QC Lot: 2084610)             |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2516945-001                          | Anonymous                                  | Cyanide, weak acid dissociable | ----       | E336A  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Inorganics (QC Lot: 2089556)           |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2516558-019                          | Anonymous                                  | Sulfides, acid volatile        | ----       | E396-L | 0.21                              | mg/kg | 0.93            | 0.77             | 0.16                 | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2082124)               |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-004                          | S-12669624-250625-RB-B<br>H25-16-7.5'-9.5' | Calcium, soluble ion content   | 7440-70-2  | E484   | 0.50                              | mg/L  | 1.62            | 1.62             | 0                    | Diff <2x LOR     | ----      |
|                                        |                                            | Magnesium, soluble ion content | 7439-95-4  | E484   | 0.50                              | mg/L  | 2.23            | 2.23             | 0                    | Diff <2x LOR     | ----      |
|                                        |                                            | Sodium, soluble ion content    | 17341-25-2 | E484   | 0.50                              | mg/L  | 3.47            | 3.45             | 0.578%               | 30%              | ----      |
| Metals (QC Lot: 2082126)               |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-002                          | S-12669624-250625-RB-B<br>H25-16-0'-2'     | Boron, hot water soluble       | 7440-42-8  | E487   | 0.10                              | mg/kg | 0.18            | 0.18             | 0.005                | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2082127)               |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-002                          | S-12669624-250625-RB-B<br>H25-16-0'-2'     | Mercury                        | 7439-97-6  | E510C  | 0.0050                            | mg/kg | 0.0250          | 0.0281           | 11.7%                | 40%              | ----      |
| Metals (QC Lot: 2082128)               |                                            |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-002                          | S-12669624-250625-RB-B<br>H25-16-0'-2'     | Antimony                       | 7440-36-0  | E440C  | 0.10                              | mg/kg | 0.16            | 0.17             | 0.01                 | Diff <2x LOR     | ----      |
|                                        |                                            | Arsenic                        | 7440-38-2  | E440C  | 0.10                              | mg/kg | 4.00            | 4.04             | 1.20%                | 30%              | ----      |
|                                        |                                            | Barium                         | 7440-39-3  | E440C  | 0.50                              | mg/kg | 75.6            | 80.0             | 5.59%                | 40%              | ----      |
|                                        |                                            | Beryllium                      | 7440-41-7  | E440C  | 0.10                              | mg/kg | 0.64            | 0.68             | 0.04                 | Diff <2x LOR     | ----      |
|                                        |                                            | Boron                          | 7440-42-8  | E440C  | 5.0                               | mg/kg | 6.1             | 6.8              | 0.7                  | Diff <2x LOR     | ----      |
|                                        |                                            | Cadmium                        | 7440-43-9  | E440C  | 0.020                             | mg/kg | 0.180           | 0.194            | 7.68%                | 30%              | ----      |
|                                        |                                            | Chromium                       | 7440-47-3  | E440C  | 0.50                              | mg/kg | 21.9            | 22.8             | 4.19%                | 30%              | ----      |
|                                        |                                            | Cobalt                         | 7440-48-4  | E440C  | 0.10                              | mg/kg | 9.55            | 9.83             | 2.85%                | 30%              | ----      |
|                                        |                                            | Copper                         | 7440-50-8  | E440C  | 0.50                              | mg/kg | 15.6            | 15.8             | 1.03%                | 30%              | ----      |
|                                        |                                            | Lead                           | 7439-92-1  | E440C  | 0.50                              | mg/kg | 15.9            | 16.1             | 1.22%                | 40%              | ----      |
|                                        |                                            | Molybdenum                     | 7439-98-7  | E440C  | 0.10                              | mg/kg | 0.51            | 0.53             | 3.17%                | 40%              | ----      |
|                                        |                                            | Nickel                         | 7440-02-0  | E440C  | 0.50                              | mg/kg | 18.1            | 18.5             | 1.95%                | 30%              | ----      |
|                                        |                                            | Selenium                       | 7782-49-2  | E440C  | 0.20                              | mg/kg | 0.26            | 0.27             | 0.01                 | Diff <2x LOR     | ----      |
|                                        |                                            | Silver                         | 7440-22-4  | E440C  | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                                        |                                            | Thallium                       | 7440-28-0  | E440C  | 0.050                             | mg/kg | 0.147           | 0.157            | 0.010                | Diff <2x LOR     | ----      |
|                                        |                                            | Uranium                        | 7440-61-1  | E440C  | 0.050                             | mg/kg | 0.658           | 0.645            | 2.14%                | 30%              | ----      |
|                                        |                                            | Vanadium                       | 7440-62-2  | E440C  | 0.20                              | mg/kg | 33.1            | 34.9             | 5.19%                | 30%              | ----      |
|                                        |                                            | Zinc                           | 7440-66-6  | E440C  | 2.0                               | mg/kg | 63.6            | 66.3             | 4.06%                | 30%              | ----      |



| Sub-Matrix: Soil/Solid   |                  |                                |            |        | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|--------------------------|------------------|--------------------------------|------------|--------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID     | Client sample ID | Analyte                        | CAS Number | Method | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Metals (QC Lot: 2082187) |                  |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517053-011            | Anonymous        | Calcium, soluble ion content   | 7440-70-2  | E484   | 0.50                              | mg/L  | 2.93            | 3.26             | 0.33                 | Diff <2x LOR     | ----      |
|                          |                  | Magnesium, soluble ion content | 7439-95-4  | E484   | 0.50                              | mg/L  | 1.84            | 2.31             | 0.47                 | Diff <2x LOR     | ----      |
|                          |                  | Sodium, soluble ion content    | 17341-25-2 | E484   | 0.50                              | mg/L  | 48.6            | 50.8             | 4.43%                | 30%              | ----      |
| Metals (QC Lot: 2082189) |                  |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517053-001            | Anonymous        | Boron, hot water soluble       | 7440-42-8  | E487   | 0.10                              | mg/kg | 0.13            | 0.14             | 0.004                | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2082190) |                  |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517053-001            | Anonymous        | Mercury                        | 7439-97-6  | E510C  | 0.0050                            | mg/kg | 0.0053          | 0.0057           | 0.0004               | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2082191) |                  |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517053-001            | Anonymous        | Antimony                       | 7440-36-0  | E440C  | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                          |                  | Arsenic                        | 7440-38-2  | E440C  | 0.10                              | mg/kg | 2.07            | 2.23             | 7.46%                | 30%              | ----      |
|                          |                  | Barium                         | 7440-39-3  | E440C  | 0.50                              | mg/kg | 56.1            | 60.3             | 7.25%                | 40%              | ----      |
|                          |                  | Beryllium                      | 7440-41-7  | E440C  | 0.10                              | mg/kg | 0.36            | 0.40             | 0.04                 | Diff <2x LOR     | ----      |
|                          |                  | Boron                          | 7440-42-8  | E440C  | 5.0                               | mg/kg | 9.3             | 10.7             | 1.4                  | Diff <2x LOR     | ----      |
|                          |                  | Cadmium                        | 7440-43-9  | E440C  | 0.020                             | mg/kg | 0.086           | 0.096            | 0.010                | Diff <2x LOR     | ----      |
|                          |                  | Chromium                       | 7440-47-3  | E440C  | 0.50                              | mg/kg | 15.1            | 16.8             | 11.2%                | 30%              | ----      |
|                          |                  | Cobalt                         | 7440-48-4  | E440C  | 0.10                              | mg/kg | 4.67            | 5.09             | 8.67%                | 30%              | ----      |
|                          |                  | Copper                         | 7440-50-8  | E440C  | 0.50                              | mg/kg | 8.49            | 9.00             | 5.82%                | 30%              | ----      |
|                          |                  | Lead                           | 7439-92-1  | E440C  | 0.50                              | mg/kg | 5.32            | 5.77             | 7.98%                | 40%              | ----      |
|                          |                  | Molybdenum                     | 7439-98-7  | E440C  | 0.10                              | mg/kg | 0.39            | 0.41             | 0.02                 | Diff <2x LOR     | ----      |
|                          |                  | Nickel                         | 7440-02-0  | E440C  | 0.50                              | mg/kg | 9.54            | 10.2             | 7.29%                | 30%              | ----      |
|                          |                  | Selenium                       | 7782-49-2  | E440C  | 0.20                              | mg/kg | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                          |                  | Silver                         | 7440-22-4  | E440C  | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                          |                  | Thallium                       | 7440-28-0  | E440C  | 0.050                             | mg/kg | 0.086           | 0.095            | 0.009                | Diff <2x LOR     | ----      |
|                          |                  | Uranium                        | 7440-61-1  | E440C  | 0.050                             | mg/kg | 0.492           | 0.534            | 8.20%                | 30%              | ----      |
|                          |                  | Vanadium                       | 7440-62-2  | E440C  | 0.20                              | mg/kg | 24.7            | 28.1             | 12.9%                | 30%              | ----      |
|                          |                  | Zinc                           | 7440-66-6  | E440C  | 2.0                               | mg/kg | 30.9            | 34.0             | 9.68%                | 30%              | ----      |
| Metals (QC Lot: 2084604) |                  |                                |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2516907-010            | Anonymous        | Antimony                       | 7440-36-0  | E440C  | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                          |                  | Arsenic                        | 7440-38-2  | E440C  | 0.10                              | mg/kg | 0.76            | 0.69             | 8.73%                | 30%              | ----      |
|                          |                  | Barium                         | 7440-39-3  | E440C  | 0.50                              | mg/kg | 7.52            | 7.43             | 1.09%                | 40%              | ----      |
|                          |                  | Beryllium                      | 7440-41-7  | E440C  | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                          |                  | Boron                          | 7440-42-8  | E440C  | 5.0                               | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
|                          |                  | Cadmium                        | 7440-43-9  | E440C  | 0.020                             | mg/kg | 0.021           | <0.020           | 0.001                | Diff <2x LOR     | ----      |
|                          |                  | Chromium                       | 7440-47-3  | E440C  | 0.50                              | mg/kg | 3.10            | 2.88             | 0.22                 | Diff <2x LOR     | ----      |





Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                          |                                            |                                |            |          | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|-------------------------------------------------|--------------------------------------------|--------------------------------|------------|----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                            | Client sample ID                           | Analyte                        | CAS Number | Method   | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Metals (QC Lot: 2084604) - continued            |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516907-010                                   | Anonymous                                  | Cobalt                         | 7440-48-4  | E440C    | 0.10                              | mg/kg | 1.14            | 1.12             | 2.68%                | 30%              | ----      |
|                                                 |                                            | Copper                         | 7440-50-8  | E440C    | 0.50                              | mg/kg | 2.45            | 2.33             | 0.12                 | Diff <2x LOR     | ----      |
|                                                 |                                            | Lead                           | 7439-92-1  | E440C    | 0.50                              | mg/kg | 1.58            | 1.50             | 0.09                 | Diff <2x LOR     | ----      |
|                                                 |                                            | Molybdenum                     | 7439-98-7  | E440C    | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Nickel                         | 7440-02-0  | E440C    | 0.50                              | mg/kg | 2.62            | 2.48             | 0.13                 | Diff <2x LOR     | ----      |
|                                                 |                                            | Selenium                       | 7782-49-2  | E440C    | 0.20                              | mg/kg | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Silver                         | 7440-22-4  | E440C    | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Thallium                       | 7440-28-0  | E440C    | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Uranium                        | 7440-61-1  | E440C    | 0.050                             | mg/kg | 0.230           | 0.197            | 0.032                | Diff <2x LOR     | ----      |
|                                                 |                                            | Vanadium                       | 7440-62-2  | E440C    | 0.20                              | mg/kg | 6.96            | 6.19             | 11.8%                | 30%              | ----      |
|                                                 |                                            | Zinc                           | 7440-66-6  | E440C    | 2.0                               | mg/kg | 7.4             | 6.9              | 0.4                  | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2084605)                        |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516907-010                                   | Anonymous                                  | Mercury                        | 7439-97-6  | E510C    | 0.0050                            | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2084607)                        |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516907-010                                   | Anonymous                                  | Calcium, soluble ion content   | 7440-70-2  | E484     | 0.50                              | mg/L  | 1.16            | 1.18             | 0.02                 | Diff <2x LOR     | ----      |
|                                                 |                                            | Magnesium, soluble ion content | 7439-95-4  | E484     | 0.50                              | mg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Sodium, soluble ion content    | 17341-25-2 | E484     | 0.50                              | mg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
| Metals (QC Lot: 2084609)                        |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2516907-010                                   | Anonymous                                  | Boron, hot water soluble       | 7440-42-8  | E487     | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
| Speciated Metals (QC Lot: 2082052)              |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2517131-002                                   | S-12669624-250625-RB-B<br>H25-16-0'-2'     | Chromium, hexavalent [Cr VI]   | 18540-29-9 | E532     | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
| Speciated Metals (QC Lot: 2082185)              |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2517053-001                                   | Anonymous                                  | Chromium, hexavalent [Cr VI]   | 18540-29-9 | E532     | 0.10                              | mg/kg | <0.10           | <0.10            | 0                    | Diff <2x LOR     | ----      |
| Speciated Metals (QC Lot: 2084608)              |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2517131-025                                   | S-12669624-260625-RB-B<br>H25-04-2.5'-4.5' | Chromium, hexavalent [Cr VI]   | 18540-29-9 | E532     | 0.10                              | mg/kg | 0.13            | 0.10             | 0.02                 | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2089318)  |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2517055-005                                   | Anonymous                                  | Sulfate, soluble ion content   | 14808-79-8 | E236.SO4 | 20                                | mg/kg | 78              | 79               | 0.7                  | Diff <2x LOR     | ----      |
| Leachable Anions & Nutrients (QC Lot: 2089319)  |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2517055-005                                   | Anonymous                                  | Chloride, soluble ion content  | 16887-00-6 | E236.Cl  | 5.0                               | mg/kg | 9.0             | 8.9              | 0.2                  | Diff <2x LOR     | ----      |
| ON mSPLP Metal (target pH= 5) (QC Lot: 2101707) |                                            |                                |            |          |                                   |       |                 |                  |                      |                  |           |
| WT2518002-007                                   | Anonymous                                  | Molybdenum, mSPLP              | 7439-98-7  | E443     | 0.00050                           | mg/L  | <0.50 µg/L      | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Silver, mSPLP                  | 7440-22-4  | E443     | 0.00025                           | mg/L  | <0.25 µg/L      | <0.00025         | 0                    | Diff <2x LOR     | ----      |
|                                                 |                                            | Thallium, mSPLP                | 7440-28-0  | E443     | 0.00050                           | mg/L  | <0.50 µg/L      | <0.00050         | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

|                                                     |                                        |                                      |            |        | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|-----------------------------------------------------|----------------------------------------|--------------------------------------|------------|--------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                | Client sample ID                       | Analyte                              | CAS Number | Method | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| <b>mSPLP VOCs (QC Lot: 2101525)</b>                 |                                        |                                      |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-026                                       | S-12669624-260625-RB-B<br>H25-04-5'-7' | Dichloroethane, 1,2-, mSPLP          | 107-06-2   | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethylene, 1,1-, mSPLP        | 75-35-4    | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethylene, cis-1,2-, mSPLP    | 156-59-2   | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethylene, trans-1,2-, mSPLP  | 156-60-5   | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloropropane, 1,2-, mSPLP         | 78-87-5    | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloropropylene, cis-1,3-, mSPLP   | 10061-01-5 | E619D  | 0.20                              | µg/L  | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloropropylene, trans-1,3-, mSPLP | 10061-02-6 | E619D  | 0.20                              | µg/L  | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Tetrachloroethane, 1,1,1,2-, mSPLP   | 630-20-6   | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Tetrachloroethane, 1,1,2,2-, mSPLP   | 630-20-6   | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Tetrachloroethylene, mSPLP           | 127-18-4   | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Trichloroethane, 1,1,2-, mSPLP       | 79-00-5    | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Trichloroethylene, mSPLP             | 79-01-6    | E619D  | 0.50                              | µg/L  | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
| <b>Volatile Organic Compounds (QC Lot: 2082045)</b> |                                        |                                      |            |        |                                   |       |                 |                  |                      |                  |           |
| WT2516800-007                                       | Anonymous                              | Acetone                              | 67-64-1    | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Benzene                              | 71-43-2    | E611D  | 0.0050                            | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Bromodichloromethane                 | 75-27-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Bromoform                            | 75-25-2    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Bromomethane                         | 74-83-9    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Carbon tetrachloride                 | 56-23-5    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Chlorobenzene                        | 108-90-7   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Chloroform                           | 67-66-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dibromochloromethane                 | 124-48-1   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dibromoethane, 1,2-                  | 106-93-4   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichlorobenzene, 1,2-                | 95-50-1    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichlorobenzene, 1,3-                | 541-73-1   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichlorobenzene, 1,4-                | 106-46-7   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichlorodifluoromethane              | 75-71-8    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethane, 1,1-                 | 75-34-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethane, 1,2-                 | 107-06-2   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethylene, 1,1-               | 75-35-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethylene, cis-1,2-           | 156-59-2   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloroethylene, trans-1,2-         | 156-60-5   | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                     |                                        | Dichloromethane                      | 75-09-2    | E611D  | 0.045                             | mg/kg | <0.045          | <0.045           | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                                   |                                        |                                |             |        | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------------|----------------------------------------|--------------------------------|-------------|--------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                     | Client sample ID                       | Analyte                        | CAS Number  | Method | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Volatile Organic Compounds (QC Lot: 2082045) - continued |                                        |                                |             |        |                                   |       |                 |                  |                      |                  |           |
| WT2516800-007                                            | Anonymous                              | Dichloropropane, 1,2-          | 78-87-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Ethylbenzene                   | 100-41-4    | E611D  | 0.015                             | mg/kg | <0.015          | <0.015           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Hexane, n-                     | 110-54-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D  | 0.040                             | mg/kg | <0.040          | <0.040           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Styrene                        | 100-42-5    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Tetrachloroethylene            | 127-18-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Toluene                        | 108-88-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichloroethane, 1,1,1-        | 71-55-6     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichloroethane, 1,1,2-        | 79-00-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichloroethylene              | 79-01-6     | E611D  | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichlorofluoromethane         | 75-69-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Vinyl chloride                 | 75-01-4     | E611D  | 0.020                             | mg/kg | <0.020          | <0.020           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Xylene, m+p-                   | 179601-23-1 | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Xylene, o-                     | 95-47-6     | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
| Volatile Organic Compounds (QC Lot: 2082072)             |                                        |                                |             |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-010                                            | S-12669624-250625-RB-B<br>H25-13-0'-2' | Acetone                        | 67-64-1     | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Benzene                        | 71-43-2     | E611D  | 0.0050                            | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Bromodichloromethane           | 75-27-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Bromoform                      | 75-25-2     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Bromomethane                   | 74-83-9     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Carbon tetrachloride           | 56-23-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Chlorobenzene                  | 108-90-7    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Chloroform                     | 67-66-3     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dibromochloromethane           | 124-48-1    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dibromoethane, 1,2-            | 106-93-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichlorobenzene, 1,2-          | 95-50-1     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichlorobenzene, 1,3-          | 541-73-1    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichlorobenzene, 1,4-          | 106-46-7    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                                   |                                        |                                |             |        | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------------|----------------------------------------|--------------------------------|-------------|--------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                     | Client sample ID                       | Analyte                        | CAS Number  | Method | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Volatile Organic Compounds (QC Lot: 2082072) - continued |                                        |                                |             |        |                                   |       |                 |                  |                      |                  |           |
| WT2517131-010                                            | S-12669624-250625-RB-B<br>H25-13-0'-2' | Dichlorodifluoromethane        | 75-71-8     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloroethane, 1,1-           | 75-34-3     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloroethane, 1,2-           | 107-06-2    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloroethylene, 1,1-         | 75-35-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloroethylene, cis-1,2-     | 156-59-2    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloroethylene, trans-1,2-   | 156-60-5    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloromethane                | 75-09-2     | E611D  | 0.045                             | mg/kg | <0.045          | <0.045           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloropropane, 1,2-          | 78-87-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Ethylbenzene                   | 100-41-4    | E611D  | 0.015                             | mg/kg | <0.015          | <0.015           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Hexane, n-                     | 110-54-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D  | 0.040                             | mg/kg | <0.040          | <0.040           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Styrene                        | 100-42-5    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Tetrachloroethylene            | 127-18-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Toluene                        | 108-88-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichloroethane, 1,1,1-        | 71-55-6     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichloroethane, 1,1,2-        | 79-00-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichloroethylene              | 79-01-6     | E611D  | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Trichlorofluoromethane         | 75-69-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Vinyl chloride                 | 75-01-4     | E611D  | 0.020                             | mg/kg | <0.020          | <0.020           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Xylene, m+p-                   | 179601-23-1 | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Xylene, o-                     | 95-47-6     | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
| Volatile Organic Compounds (QC Lot: 2082075)             |                                        |                                |             |        |                                   |       |                 |                  |                      |                  |           |
| WT2517055-004                                            | Anonymous                              | Acetone                        | 67-64-1     | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Benzene                        | 71-43-2     | E611D  | 0.0050                            | mg/kg | <0.0050         | <0.0050          | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Bromodichloromethane           | 75-27-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Bromoform                      | 75-25-2     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Bromomethane                   | 74-83-9     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                          |                                        | Carbon tetrachloride           | 56-23-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |



Sub-Matrix: Soil/Solid

|                                                                 |                  |                                |             |        | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|-----------------------------------------------------------------|------------------|--------------------------------|-------------|--------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                            | Client sample ID | Analyte                        | CAS Number  | Method | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| <b>Volatile Organic Compounds (QC Lot: 2082075) - continued</b> |                  |                                |             |        |                                   |       |                 |                  |                      |                  |           |
| WT2517055-004                                                   | Anonymous        | Chlorobenzene                  | 108-90-7    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Chloroform                     | 67-66-3     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dibromochloromethane           | 124-48-1    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dibromoethane, 1,2-            | 106-93-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichlorobenzene, 1,2-          | 95-50-1     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichlorobenzene, 1,3-          | 541-73-1    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichlorobenzene, 1,4-          | 106-46-7    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichlorodifluoromethane        | 75-71-8     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloroethane, 1,1-           | 75-34-3     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloroethane, 1,2-           | 107-06-2    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloroethylene, 1,1-         | 75-35-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloroethylene, cis-1,2-     | 156-59-2    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloroethylene, trans-1,2-   | 156-60-5    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloromethane                | 75-09-2     | E611D  | 0.045                             | mg/kg | <0.045          | <0.045           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloropropane, 1,2-          | 78-87-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Ethylbenzene                   | 100-41-4    | E611D  | 0.015                             | mg/kg | <0.015          | <0.015           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Hexane, n-                     | 110-54-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D  | 0.50                              | mg/kg | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D  | 0.040                             | mg/kg | <0.040          | <0.040           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Styrene                        | 100-42-5    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Tetrachloroethylene            | 127-18-4    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Toluene                        | 108-88-3    | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Trichloroethane, 1,1,1-        | 71-55-6     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Trichloroethane, 1,1,2-        | 79-00-5     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Trichloroethylene              | 79-01-6     | E611D  | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Trichlorofluoromethane         | 75-69-4     | E611D  | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Vinyl chloride                 | 75-01-4     | E611D  | 0.020                             | mg/kg | <0.020          | <0.020           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Xylene, m+p-                   | 179601-23-1 | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                 |                  | Xylene, o-                     | 95-47-6     | E611D  | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |



| Sub-Matrix: Soil/Solid                             |                                        |                         |            |           | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------|----------------------------------------|-------------------------|------------|-----------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                               | Client sample ID                       | Analyte                 | CAS Number | Method    | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Hydrocarbons (QC Lot: 2082046)                     |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2516800-007                                      | Anonymous                              | F1 (C6-C10)             | ----       | E581.F1   | 5.0                               | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2082051)                     |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2517131-002                                      | S-12669624-250625-RB-B<br>H25-16-0'-2' | F2 (C10-C16)            | ----       | E601.SG-L | 10                                | mg/kg | <10             | <10              | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | F3 (C16-C34)            | ----       | E601.SG-L | 50                                | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | F4 (C34-C50)            | ----       | E601.SG-L | 50                                | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2082073)                     |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2517131-010                                      | S-12669624-250625-RB-B<br>H25-13-0'-2' | F1 (C6-C10)             | ----       | E581.F1   | 5.0                               | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2082076)                     |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2517055-004                                      | Anonymous                              | F1 (C6-C10)             | ----       | E581.F1   | 5.0                               | mg/kg | <5.0            | <5.0             | 0                    | Diff <2x LOR     | ----      |
| Hydrocarbons (QC Lot: 2082103)                     |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2517001-001                                      | Anonymous                              | F2 (C10-C16)            | ----       | E601.SG-L | 10                                | mg/kg | <10             | <10              | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | F3 (C16-C34)            | ----       | E601.SG-L | 50                                | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | F4 (C34-C50)            | ----       | E601.SG-L | 50                                | mg/kg | <50             | <50              | 0                    | Diff <2x LOR     | ----      |
| Polycyclic Aromatic Hydrocarbons (QC Lot: 2082050) |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |
| WT2517131-002                                      | S-12669624-250625-RB-B<br>H25-16-0'-2' | Acenaphthene            | 83-32-9    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Acenaphthylene          | 208-96-8   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Anthracene              | 120-12-7   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Benz(a)anthracene       | 56-55-3    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Benzo(a)pyrene          | 50-32-8    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Benzo(b+j)fluoranthene  | n/a        | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Benzo(g,h,i)perylene    | 191-24-2   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Benzo(k)fluoranthene    | 207-08-9   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Chrysene                | 218-01-9   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Dibenz(a,h)anthracene   | 53-70-3    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Fluoranthene            | 206-44-0   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Fluorene                | 86-73-7    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Indeno(1,2,3-c,d)pyrene | 193-39-5   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Methylnaphthalene, 1-   | 90-12-0    | E641A     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Methylnaphthalene, 2-   | 91-57-6    | E641A     | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Naphthalene             | 91-20-3    | E641A     | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Phenanthrene            | 85-01-8    | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                    |                                        | Pyrene                  | 129-00-0   | E641A     | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Polycyclic Aromatic Hydrocarbons (QC Lot: 2082102) |                                        |                         |            |           |                                   |       |                 |                  |                      |                  |           |





Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                                         |                  |                           |            |         | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|----------------------------------------------------------------|------------------|---------------------------|------------|---------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                           | Client sample ID | Analyte                   | CAS Number | Method  | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Polycyclic Aromatic Hydrocarbons (QC Lot: 2082102) - continued |                  |                           |            |         |                                   |       |                 |                  |                      |                  |           |
| WT2517001-001                                                  | Anonymous        | Acenaphthene              | 83-32-9    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Acenaphthylene            | 208-96-8   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Anthracene                | 120-12-7   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Benz(a)anthracene         | 56-55-3    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Benzo(a)pyrene            | 50-32-8    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Benzo(b+j)fluoranthene    | n/a        | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Benzo(g,h,i)perylene      | 191-24-2   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Benzo(k)fluoranthene      | 207-08-9   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Chrysene                  | 218-01-9   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Dibenz(a,h)anthracene     | 53-70-3    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Fluoranthene              | 206-44-0   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Fluorene                  | 86-73-7    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Indeno(1,2,3-c,d)pyrene   | 193-39-5   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Methylnaphthalene, 1-     | 90-12-0    | E641A   | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Methylnaphthalene, 2-     | 91-57-6    | E641A   | 0.030                             | mg/kg | <0.030          | <0.030           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Naphthalene               | 91-20-3    | E641A   | 0.010                             | mg/kg | <0.010          | <0.010           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Phenanthrene              | 85-01-8    | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Pyrene                    | 129-00-0   | E641A   | 0.050                             | mg/kg | <0.050          | <0.050           | 0                    | Diff <2x LOR     | ----      |
| Organochlorine Pesticides (QC Lot: 2093743)                    |                  |                           |            |         |                                   |       |                 |                  |                      |                  |           |
| WT2517055-001                                                  | Anonymous        | Aldrin                    | 309-00-2   | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Chlordane, cis- (alpha)   | 5103-71-9  | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Chlordane, trans- (gamma) | 5103-74-2  | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | DDD, 2,4'-                | 53-19-0    | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | DDD, 4,4'-                | 72-54-8    | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | DDE, 2,4'-                | 3424-82-6  | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | DDE, 4,4'-                | 72-55-9    | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | DDT, 2,4'-                | 789-02-6   | E660F-L | 0.00060                           | mg/kg | <0.00060        | <0.00060         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | DDT, 4,4'-                | 50-29-3    | E660F-L | 0.00060                           | mg/kg | <0.00060        | <0.00060         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Dieldrin                  | 60-57-1    | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Endosulfan, alpha-        | 959-98-8   | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Endosulfan, beta-         | 33213-65-9 | E660F-L | 0.00030                           | mg/kg | <0.00030        | <0.00030         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Endrin                    | 72-20-8    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Heptachlor                | 76-44-8    | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                                                |                  | Heptachlor epoxide        | 1024-57-3  | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |



| Sub-Matrix: Soil/Solid                                  |                  |                               |            |         | Laboratory Duplicate (DUP) Report |       |                 |                  |                      |                  |           |
|---------------------------------------------------------|------------------|-------------------------------|------------|---------|-----------------------------------|-------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                                    | Client sample ID | Analyte                       | CAS Number | Method  | LOR                               | Unit  | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| Organochlorine Pesticides (QC Lot: 2093743) - continued |                  |                               |            |         |                                   |       |                 |                  |                      |                  |           |
| WT2517055-001                                           | Anonymous        | Hexachlorobenzene             | 118-74-1   | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                  | Hexachlorobutadiene           | 87-68-3    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                  | Hexachlorocyclohexane, gamma- | 58-89-9    | E660F-L | 0.00020                           | mg/kg | <0.00020        | <0.00020         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                  | Hexachloroethane              | 67-72-1    | E660F-L | 0.00050                           | mg/kg | <0.00050        | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                         |                  | Methoxychlor                  | 72-43-5    | E660F-L | 0.00100                           | mg/kg | <0.00100        | <0.00100         | 0                    | Diff <2x LOR     | ----      |



## Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Soil/Solid

| Analyte                                | CAS Number | Method | LOR  | Unit  | Result | Qualifier |
|----------------------------------------|------------|--------|------|-------|--------|-----------|
| <b>Physical Tests (QCLot: 2082059)</b> |            |        |      |       |        |           |
| Moisture                               | ---        | E144   | 0.25 | %     | <0.25  | ---       |
| <b>Physical Tests (QCLot: 2082125)</b> |            |        |      |       |        |           |
| Conductivity (1:2 leachate)            | ---        | E100-L | 5    | µS/cm | <5.00  | ---       |
| <b>Physical Tests (QCLot: 2082188)</b> |            |        |      |       |        |           |
| Conductivity (1:2 leachate)            | ---        | E100-L | 5    | µS/cm | <5.00  | ---       |
| <b>Physical Tests (QCLot: 2082192)</b> |            |        |      |       |        |           |
| Moisture                               | ---        | E144   | 0.25 | %     | <0.25  | ---       |
| <b>Physical Tests (QCLot: 2084606)</b> |            |        |      |       |        |           |
| Conductivity (1:2 leachate)            | ---        | E100-L | 5    | µS/cm | <5.00  | ---       |
| <b>Physical Tests (QCLot: 2084932)</b> |            |        |      |       |        |           |
| Moisture                               | ---        | E144   | 0.25 | %     | <0.25  | ---       |
| <b>Physical Tests (QCLot: 2086298)</b> |            |        |      |       |        |           |
| Moisture                               | ---        | E144   | 0.25 | %     | <0.25  | ---       |
| <b>Physical Tests (QCLot: 2086310)</b> |            |        |      |       |        |           |
| Moisture                               | ---        | E144   | 0.25 | %     | <0.25  | ---       |
| <b>Physical Tests (QCLot: 2089316)</b> |            |        |      |       |        |           |
| Conductivity (1:2 leachate)            | ---        | E100-L | 5    | µS/cm | <5.00  | ---       |
| <b>Cyanides (QCLot: 2082049)</b>       |            |        |      |       |        |           |
| Cyanide, weak acid dissociable         | ---        | E336A  | 0.05 | mg/kg | <0.050 | ---       |
| <b>Cyanides (QCLot: 2082184)</b>       |            |        |      |       |        |           |
| Cyanide, weak acid dissociable         | ---        | E336A  | 0.05 | mg/kg | <0.050 | ---       |
| <b>Cyanides (QCLot: 2084610)</b>       |            |        |      |       |        |           |
| Cyanide, weak acid dissociable         | ---        | E336A  | 0.05 | mg/kg | <0.050 | ---       |
| <b>Inorganics (QCLot: 2089556)</b>     |            |        |      |       |        |           |
| Sulfides, acid volatile                | ---        | E396-L | 0.2  | mg/kg | <0.20  | ---       |
| <b>Metals (QCLot: 2082124)</b>         |            |        |      |       |        |           |
| Calcium, soluble ion content           | 7440-70-2  | E484   | 0.5  | mg/L  | <0.50  | ---       |
| Magnesium, soluble ion content         | 7439-95-4  | E484   | 0.5  | mg/L  | <0.50  | ---       |
| Sodium, soluble ion content            | 17341-25-2 | E484   | 0.5  | mg/L  | <0.50  | ---       |
| <b>Metals (QCLot: 2082126)</b>         |            |        |      |       |        |           |
| Boron, hot water soluble               | 7440-42-8  | E487   | 0.1  | mg/kg | <0.10  | ---       |
| <b>Metals (QCLot: 2082127)</b>         |            |        |      |       |        |           |



Sub-Matrix: Soil/Solid

| Analyte                                    | CAS Number | Method | LOR   | Unit  | Result  | Qualifier |
|--------------------------------------------|------------|--------|-------|-------|---------|-----------|
| <b>Metals (QCLot: 2082127) - continued</b> |            |        |       |       |         |           |
| Mercury                                    | 7439-97-6  | E510C  | 0.005 | mg/kg | <0.0050 | ----      |
| <b>Metals (QCLot: 2082128)</b>             |            |        |       |       |         |           |
| Antimony                                   | 7440-36-0  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Arsenic                                    | 7440-38-2  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Barium                                     | 7440-39-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Beryllium                                  | 7440-41-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Boron                                      | 7440-42-8  | E440C  | 5     | mg/kg | <5.0    | ----      |
| Cadmium                                    | 7440-43-9  | E440C  | 0.02  | mg/kg | <0.020  | ----      |
| Chromium                                   | 7440-47-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Cobalt                                     | 7440-48-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Copper                                     | 7440-50-8  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Lead                                       | 7439-92-1  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Molybdenum                                 | 7439-98-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Nickel                                     | 7440-02-0  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Selenium                                   | 7782-49-2  | E440C  | 0.2   | mg/kg | <0.20   | ----      |
| Silver                                     | 7440-22-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Thallium                                   | 7440-28-0  | E440C  | 0.05  | mg/kg | <0.050  | ----      |
| Uranium                                    | 7440-61-1  | E440C  | 0.05  | mg/kg | <0.050  | ----      |
| Vanadium                                   | 7440-62-2  | E440C  | 0.2   | mg/kg | <0.20   | ----      |
| Zinc                                       | 7440-66-6  | E440C  | 2     | mg/kg | <2.0    | ----      |
| <b>Metals (QCLot: 2082187)</b>             |            |        |       |       |         |           |
| Calcium, soluble ion content               | 7440-70-2  | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Magnesium, soluble ion content             | 7439-95-4  | E484   | 0.5   | mg/L  | <0.50   | ----      |
| Sodium, soluble ion content                | 17341-25-2 | E484   | 0.5   | mg/L  | <0.50   | ----      |
| <b>Metals (QCLot: 2082189)</b>             |            |        |       |       |         |           |
| Boron, hot water soluble                   | 7440-42-8  | E487   | 0.1   | mg/kg | <0.10   | ----      |
| <b>Metals (QCLot: 2082190)</b>             |            |        |       |       |         |           |
| Mercury                                    | 7439-97-6  | E510C  | 0.005 | mg/kg | <0.0050 | ----      |
| <b>Metals (QCLot: 2082191)</b>             |            |        |       |       |         |           |
| Antimony                                   | 7440-36-0  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Arsenic                                    | 7440-38-2  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Barium                                     | 7440-39-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Beryllium                                  | 7440-41-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Boron                                      | 7440-42-8  | E440C  | 5     | mg/kg | <5.0    | ----      |
| Cadmium                                    | 7440-43-9  | E440C  | 0.02  | mg/kg | <0.020  | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                    | CAS Number | Method | LOR   | Unit  | Result  | Qualifier |
|--------------------------------------------|------------|--------|-------|-------|---------|-----------|
| <b>Metals (QCLot: 2082191) - continued</b> |            |        |       |       |         |           |
| Chromium                                   | 7440-47-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Cobalt                                     | 7440-48-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Copper                                     | 7440-50-8  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Lead                                       | 7439-92-1  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Molybdenum                                 | 7439-98-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Nickel                                     | 7440-02-0  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Selenium                                   | 7782-49-2  | E440C  | 0.2   | mg/kg | <0.20   | ----      |
| Silver                                     | 7440-22-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Thallium                                   | 7440-28-0  | E440C  | 0.05  | mg/kg | <0.050  | ----      |
| Uranium                                    | 7440-61-1  | E440C  | 0.05  | mg/kg | <0.050  | ----      |
| Vanadium                                   | 7440-62-2  | E440C  | 0.2   | mg/kg | <0.20   | ----      |
| Zinc                                       | 7440-66-6  | E440C  | 2     | mg/kg | <2.0    | ----      |
| <b>Metals (QCLot: 2084604)</b>             |            |        |       |       |         |           |
| Antimony                                   | 7440-36-0  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Arsenic                                    | 7440-38-2  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Barium                                     | 7440-39-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Beryllium                                  | 7440-41-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Boron                                      | 7440-42-8  | E440C  | 5     | mg/kg | <5.0    | ----      |
| Cadmium                                    | 7440-43-9  | E440C  | 0.02  | mg/kg | <0.020  | ----      |
| Chromium                                   | 7440-47-3  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Cobalt                                     | 7440-48-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Copper                                     | 7440-50-8  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Lead                                       | 7439-92-1  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Molybdenum                                 | 7439-98-7  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Nickel                                     | 7440-02-0  | E440C  | 0.5   | mg/kg | <0.50   | ----      |
| Selenium                                   | 7782-49-2  | E440C  | 0.2   | mg/kg | <0.20   | ----      |
| Silver                                     | 7440-22-4  | E440C  | 0.1   | mg/kg | <0.10   | ----      |
| Thallium                                   | 7440-28-0  | E440C  | 0.05  | mg/kg | <0.050  | ----      |
| Uranium                                    | 7440-61-1  | E440C  | 0.05  | mg/kg | <0.050  | ----      |
| Vanadium                                   | 7440-62-2  | E440C  | 0.2   | mg/kg | <0.20   | ----      |
| Zinc                                       | 7440-66-6  | E440C  | 2     | mg/kg | <2.0    | ----      |
| <b>Metals (QCLot: 2084605)</b>             |            |        |       |       |         |           |
| Mercury                                    | 7439-97-6  | E510C  | 0.005 | mg/kg | <0.0050 | ----      |
| <b>Metals (QCLot: 2084607)</b>             |            |        |       |       |         |           |
| Calcium, soluble ion content               | 7440-70-2  | E484   | 0.5   | mg/L  | <0.50   | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                  | CAS Number | Method   | LOR     | Unit  | Result   | Qualifier |
|----------------------------------------------------------|------------|----------|---------|-------|----------|-----------|
| <b>Metals (QCLot: 2084607) - continued</b>               |            |          |         |       |          |           |
| Magnesium, soluble ion content                           | 7439-95-4  | E484     | 0.5     | mg/L  | <0.50    | ----      |
| Sodium, soluble ion content                              | 17341-25-2 | E484     | 0.5     | mg/L  | <0.50    | ----      |
| <b>Metals (QCLot: 2084609)</b>                           |            |          |         |       |          |           |
| Boron, hot water soluble                                 | 7440-42-8  | E487     | 0.1     | mg/kg | <0.10    | ----      |
| <b>Speciated Metals (QCLot: 2082052)</b>                 |            |          |         |       |          |           |
| Chromium, hexavalent [Cr VI]                             | 18540-29-9 | E532     | 0.1     | mg/kg | <0.10    | ----      |
| <b>Speciated Metals (QCLot: 2082185)</b>                 |            |          |         |       |          |           |
| Chromium, hexavalent [Cr VI]                             | 18540-29-9 | E532     | 0.1     | mg/kg | <0.10    | ----      |
| <b>Speciated Metals (QCLot: 2084608)</b>                 |            |          |         |       |          |           |
| Chromium, hexavalent [Cr VI]                             | 18540-29-9 | E532     | 0.1     | mg/kg | <0.10    | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2089318)</b> |            |          |         |       |          |           |
| Sulfate, soluble ion content                             | 14808-79-8 | E236.SO4 | 20      | mg/kg | <20      | ----      |
| <b>Leachable Anions &amp; Nutrients (QCLot: 2089319)</b> |            |          |         |       |          |           |
| Chloride, soluble ion content                            | 16887-00-6 | E236.Cl  | 5       | mg/kg | <5.0     | ----      |
| <b>ON mSPLP Metal (target pH= 5) (QCLot: 2101707)</b>    |            |          |         |       |          |           |
| Molybdenum, mSPLP                                        | 7439-98-7  | E443     | 0.0005  | mg/L  | <0.00050 | ----      |
| Silver, mSPLP                                            | 7440-22-4  | E443     | 0.00025 | mg/L  | <0.00025 | ----      |
| Thallium, mSPLP                                          | 7440-28-0  | E443     | 0.0005  | mg/L  | <0.00050 | ----      |
| <b>mSPLP VOCs (QCLot: 2101525)</b>                       |            |          |         |       |          |           |
| Dichloroethane, 1,2-, mSPLP                              | 107-06-2   | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Dichloroethylene, 1,1-, mSPLP                            | 75-35-4    | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Dichloroethylene, cis-1,2-, mSPLP                        | 156-59-2   | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Dichloroethylene, trans-1,2-, mSPLP                      | 156-60-5   | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Dichloropropane, 1,2-, mSPLP                             | 78-87-5    | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Dichloropropylene, cis-1,3-, mSPLP                       | 10061-01-5 | E619D    | 0.2     | µg/L  | <0.20    | ----      |
| Dichloropropylene, trans-1,3-, mSPLP                     | 10061-02-6 | E619D    | 0.2     | µg/L  | <0.20    | ----      |
| Tetrachloroethane, 1,1,1,2-, mSPLP                       | 630-20-6   | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Tetrachloroethane, 1,1,2,2-, mSPLP                       | 630-20-6   | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Tetrachloroethylene, mSPLP                               | 127-18-4   | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Trichloroethane, 1,1,2-, mSPLP                           | 79-00-5    | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| Trichloroethylene, mSPLP                                 | 79-01-6    | E619D    | 0.5     | µg/L  | <0.50    | ----      |
| <b>Volatile Organic Compounds (QCLot: 2082045)</b>       |            |          |         |       |          |           |
| Acetone                                                  | 67-64-1    | E611D    | 0.5     | mg/kg | <0.50    | ----      |
| Benzene                                                  | 71-43-2    | E611D    | 0.005   | mg/kg | <0.0050  | ----      |
| Bromodichloromethane                                     | 75-27-4    | E611D    | 0.05    | mg/kg | <0.050   | ----      |





Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number | Method | LOR   | Unit  | Result | Qualifier |
|----------------------------------------------------------------|------------|--------|-------|-------|--------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2082045) - continued</b> |            |        |       |       |        |           |
| Bromoform                                                      | 75-25-2    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Bromomethane                                                   | 74-83-9    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Carbon tetrachloride                                           | 56-23-5    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Chlorobenzene                                                  | 108-90-7   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Chloroform                                                     | 67-66-3    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dibromochloromethane                                           | 124-48-1   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dibromoethane, 1,2-                                            | 106-93-4   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorobenzene, 1,2-                                          | 95-50-1    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorobenzene, 1,3-                                          | 541-73-1   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorobenzene, 1,4-                                          | 106-46-7   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichlorodifluoromethane                                        | 75-71-8    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethane, 1,1-                                           | 75-34-3    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethane, 1,2-                                           | 107-06-2   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethylene, 1,1-                                         | 75-35-4    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethylene, cis-1,2-                                     | 156-59-2   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloroethylene, trans-1,2-                                   | 156-60-5   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloromethane                                                | 75-09-2    | E611D  | 0.045 | mg/kg | <0.045 | ----      |
| Dichloropropane, 1,2-                                          | 78-87-5    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Dichloropropylene, cis-1,3-                                    | 10061-01-5 | E611D  | 0.03  | mg/kg | <0.030 | ----      |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6 | E611D  | 0.03  | mg/kg | <0.030 | ----      |
| Ethylbenzene                                                   | 100-41-4   | E611D  | 0.015 | mg/kg | <0.015 | ----      |
| Hexane, n-                                                     | 110-54-3   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Methyl ethyl ketone [MEK]                                      | 78-93-3    | E611D  | 0.5   | mg/kg | <0.50  | ----      |
| Methyl isobutyl ketone [MIBK]                                  | 108-10-1   | E611D  | 0.5   | mg/kg | <0.50  | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4  | E611D  | 0.04  | mg/kg | <0.040 | ----      |
| Styrene                                                        | 100-42-5   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Tetrachloroethylene                                            | 127-18-4   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Toluene                                                        | 108-88-3   | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Trichloroethylene                                              | 79-01-6    | E611D  | 0.01  | mg/kg | <0.010 | ----      |
| Trichlorofluoromethane                                         | 75-69-4    | E611D  | 0.05  | mg/kg | <0.050 | ----      |
| Vinyl chloride                                                 | 75-01-4    | E611D  | 0.02  | mg/kg | <0.020 | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number  | Method | LOR   | Unit  | Result  | Qualifier |
|----------------------------------------------------------------|-------------|--------|-------|-------|---------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2082045) - continued</b> |             |        |       |       |         |           |
| Xylene, m+p-                                                   | 179601-23-1 | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Xylene, o-                                                     | 95-47-6     | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| <b>Volatile Organic Compounds (QCLot: 2082072)</b>             |             |        |       |       |         |           |
| Acetone                                                        | 67-64-1     | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Benzene                                                        | 71-43-2     | E611D  | 0.005 | mg/kg | <0.0050 | ----      |
| Bromodichloromethane                                           | 75-27-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Bromoform                                                      | 75-25-2     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Bromomethane                                                   | 74-83-9     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Carbon tetrachloride                                           | 56-23-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Chlorobenzene                                                  | 108-90-7    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Chloroform                                                     | 67-66-3     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dibromochloromethane                                           | 124-48-1    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dibromoethane, 1,2-                                            | 106-93-4    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,2-                                          | 95-50-1     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,3-                                          | 541-73-1    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,4-                                          | 106-46-7    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorodifluoromethane                                        | 75-71-8     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,1-                                           | 75-34-3     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,2-                                           | 107-06-2    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, 1,1-                                         | 75-35-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, cis-1,2-                                     | 156-59-2    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, trans-1,2-                                   | 156-60-5    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloromethane                                                | 75-09-2     | E611D  | 0.045 | mg/kg | <0.045  | ----      |
| Dichloropropane, 1,2-                                          | 78-87-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloropropylene, cis-1,3-                                    | 10061-01-5  | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6  | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Ethylbenzene                                                   | 100-41-4    | E611D  | 0.015 | mg/kg | <0.015  | ----      |
| Hexane, n-                                                     | 110-54-3    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Methyl ethyl ketone [MEK]                                      | 78-93-3     | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Methyl isobutyl ketone [MIBK]                                  | 108-10-1    | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4   | E611D  | 0.04  | mg/kg | <0.040  | ----      |
| Styrene                                                        | 100-42-5    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Tetrachloroethylene                                            | 127-18-4    | E611D  | 0.05  | mg/kg | <0.050  | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number  | Method | LOR   | Unit  | Result  | Qualifier |
|----------------------------------------------------------------|-------------|--------|-------|-------|---------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2082072) - continued</b> |             |        |       |       |         |           |
| Toluene                                                        | 108-88-3    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Trichloroethylene                                              | 79-01-6     | E611D  | 0.01  | mg/kg | <0.010  | ----      |
| Trichlorofluoromethane                                         | 75-69-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Vinyl chloride                                                 | 75-01-4     | E611D  | 0.02  | mg/kg | <0.020  | ----      |
| Xylene, m+p-                                                   | 179601-23-1 | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Xylene, o-                                                     | 95-47-6     | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| <b>Volatile Organic Compounds (QCLot: 2082075)</b>             |             |        |       |       |         |           |
| Acetone                                                        | 67-64-1     | E611D  | 0.5   | mg/kg | <0.50   | ----      |
| Benzene                                                        | 71-43-2     | E611D  | 0.005 | mg/kg | <0.0050 | ----      |
| Bromodichloromethane                                           | 75-27-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Bromoform                                                      | 75-25-2     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Bromomethane                                                   | 74-83-9     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Carbon tetrachloride                                           | 56-23-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Chlorobenzene                                                  | 108-90-7    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Chloroform                                                     | 67-66-3     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dibromochloromethane                                           | 124-48-1    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dibromoethane, 1,2-                                            | 106-93-4    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,2-                                          | 95-50-1     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,3-                                          | 541-73-1    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorobenzene, 1,4-                                          | 106-46-7    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichlorodifluoromethane                                        | 75-71-8     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,1-                                           | 75-34-3     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethane, 1,2-                                           | 107-06-2    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, 1,1-                                         | 75-35-4     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, cis-1,2-                                     | 156-59-2    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloroethylene, trans-1,2-                                   | 156-60-5    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloromethane                                                | 75-09-2     | E611D  | 0.045 | mg/kg | <0.045  | ----      |
| Dichloropropane, 1,2-                                          | 78-87-5     | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Dichloropropylene, cis-1,3-                                    | 10061-01-5  | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Dichloropropylene, trans-1,3-                                  | 10061-02-6  | E611D  | 0.03  | mg/kg | <0.030  | ----      |
| Ethylbenzene                                                   | 100-41-4    | E611D  | 0.015 | mg/kg | <0.015  | ----      |
| Hexane, n-                                                     | 110-54-3    | E611D  | 0.05  | mg/kg | <0.050  | ----      |
| Methyl ethyl ketone [MEK]                                      | 78-93-3     | E611D  | 0.5   | mg/kg | <0.50   | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                        | CAS Number  | Method    | LOR  | Unit  | Result | Qualifier |
|----------------------------------------------------------------|-------------|-----------|------|-------|--------|-----------|
| <b>Volatile Organic Compounds (QCLot: 2082075) - continued</b> |             |           |      |       |        |           |
| Methyl isobutyl ketone [MIBK]                                  | 108-10-1    | E611D     | 0.5  | mg/kg | <0.50  | ----      |
| Methyl-tert-butyl ether [MTBE]                                 | 1634-04-4   | E611D     | 0.04 | mg/kg | <0.040 | ----      |
| Styrene                                                        | 100-42-5    | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,1,2-                                    | 630-20-6    | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Tetrachloroethane, 1,1,2,2-                                    | 79-34-5     | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Tetrachloroethylene                                            | 127-18-4    | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Toluene                                                        | 108-88-3    | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,1-                                        | 71-55-6     | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Trichloroethane, 1,1,2-                                        | 79-00-5     | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Trichloroethylene                                              | 79-01-6     | E611D     | 0.01 | mg/kg | <0.010 | ----      |
| Trichlorofluoromethane                                         | 75-69-4     | E611D     | 0.05 | mg/kg | <0.050 | ----      |
| Vinyl chloride                                                 | 75-01-4     | E611D     | 0.02 | mg/kg | <0.020 | ----      |
| Xylene, m+p-                                                   | 179601-23-1 | E611D     | 0.03 | mg/kg | <0.030 | ----      |
| Xylene, o-                                                     | 95-47-6     | E611D     | 0.03 | mg/kg | <0.030 | ----      |
| <b>Hydrocarbons (QCLot: 2082046)</b>                           |             |           |      |       |        |           |
| F1 (C6-C10)                                                    | ----        | E581.F1   | 5    | mg/kg | <5.0   | ----      |
| <b>Hydrocarbons (QCLot: 2082051)</b>                           |             |           |      |       |        |           |
| F2 (C10-C16)                                                   | ----        | E601.SG-L | 10   | mg/kg | <10    | ----      |
| F3 (C16-C34)                                                   | ----        | E601.SG-L | 50   | mg/kg | <50    | ----      |
| F4 (C34-C50)                                                   | ----        | E601.SG-L | 50   | mg/kg | <50    | ----      |
| <b>Hydrocarbons (QCLot: 2082073)</b>                           |             |           |      |       |        |           |
| F1 (C6-C10)                                                    | ----        | E581.F1   | 5    | mg/kg | <5.0   | ----      |
| <b>Hydrocarbons (QCLot: 2082076)</b>                           |             |           |      |       |        |           |
| F1 (C6-C10)                                                    | ----        | E581.F1   | 5    | mg/kg | <5.0   | ----      |
| <b>Hydrocarbons (QCLot: 2082103)</b>                           |             |           |      |       |        |           |
| F2 (C10-C16)                                                   | ----        | E601.SG-L | 10   | mg/kg | <10    | ----      |
| F3 (C16-C34)                                                   | ----        | E601.SG-L | 50   | mg/kg | <50    | ----      |
| F4 (C34-C50)                                                   | ----        | E601.SG-L | 50   | mg/kg | <50    | ----      |
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2082050)</b>       |             |           |      |       |        |           |
| Acenaphthene                                                   | 83-32-9     | E641A     | 0.05 | mg/kg | <0.050 | ----      |
| Acenaphthylene                                                 | 208-96-8    | E641A     | 0.05 | mg/kg | <0.050 | ----      |
| Anthracene                                                     | 120-12-7    | E641A     | 0.05 | mg/kg | <0.050 | ----      |
| Benz(a)anthracene                                              | 56-55-3     | E641A     | 0.05 | mg/kg | <0.050 | ----      |
| Benzo(a)pyrene                                                 | 50-32-8     | E641A     | 0.05 | mg/kg | <0.050 | ----      |
| Benzo(b+j)fluoranthene                                         | n/a         | E641A     | 0.05 | mg/kg | <0.050 | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                              | CAS Number | Method  | LOR    | Unit  | Result   | Qualifier |
|----------------------------------------------------------------------|------------|---------|--------|-------|----------|-----------|
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2082050) - continued</b> |            |         |        |       |          |           |
| Benzo(g,h,i)perylene                                                 | 191-24-2   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Benzo(k)fluoranthene                                                 | 207-08-9   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Chrysene                                                             | 218-01-9   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Dibenz(a,h)anthracene                                                | 53-70-3    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Fluoranthene                                                         | 206-44-0   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Fluorene                                                             | 86-73-7    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Indeno(1,2,3-c,d)pyrene                                              | 193-39-5   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Methylnaphthalene, 1-                                                | 90-12-0    | E641A   | 0.03   | mg/kg | <0.030   | ----      |
| Methylnaphthalene, 2-                                                | 91-57-6    | E641A   | 0.03   | mg/kg | <0.030   | ----      |
| Naphthalene                                                          | 91-20-3    | E641A   | 0.01   | mg/kg | <0.010   | ----      |
| Phenanthrene                                                         | 85-01-8    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Pyrene                                                               | 129-00-0   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| <b>Polycyclic Aromatic Hydrocarbons (QCLot: 2082102)</b>             |            |         |        |       |          |           |
| Acenaphthene                                                         | 83-32-9    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Acenaphthylene                                                       | 208-96-8   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Anthracene                                                           | 120-12-7   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Benz(a)anthracene                                                    | 56-55-3    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Benzo(a)pyrene                                                       | 50-32-8    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Benzo(b+j)fluoranthene                                               | n/a        | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Benzo(g,h,i)perylene                                                 | 191-24-2   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Benzo(k)fluoranthene                                                 | 207-08-9   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Chrysene                                                             | 218-01-9   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Dibenz(a,h)anthracene                                                | 53-70-3    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Fluoranthene                                                         | 206-44-0   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Fluorene                                                             | 86-73-7    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Indeno(1,2,3-c,d)pyrene                                              | 193-39-5   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Methylnaphthalene, 1-                                                | 90-12-0    | E641A   | 0.03   | mg/kg | <0.030   | ----      |
| Methylnaphthalene, 2-                                                | 91-57-6    | E641A   | 0.03   | mg/kg | <0.030   | ----      |
| Naphthalene                                                          | 91-20-3    | E641A   | 0.01   | mg/kg | <0.010   | ----      |
| Phenanthrene                                                         | 85-01-8    | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| Pyrene                                                               | 129-00-0   | E641A   | 0.05   | mg/kg | <0.050   | ----      |
| <b>Organochlorine Pesticides (QCLot: 2087348)</b>                    |            |         |        |       |          |           |
| Aldrin                                                               | 309-00-2   | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Chlordane, cis- (alpha)                                              | 5103-71-9  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Chlordane, trans- (gamma)                                            | 5103-74-2  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |



Sub-Matrix: Soil/Solid

| Analyte                                                       | CAS Number | Method  | LOR    | Unit  | Result   | Qualifier |
|---------------------------------------------------------------|------------|---------|--------|-------|----------|-----------|
| <b>Organochlorine Pesticides (QCLot: 2087348) - continued</b> |            |         |        |       |          |           |
| DDD, 2,4'-                                                    | 53-19-0    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDD, 4,4'-                                                    | 72-54-8    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDE, 2,4'-                                                    | 3424-82-6  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDE, 4,4'-                                                    | 72-55-9    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDT, 2,4'-                                                    | 789-02-6   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDT, 4,4'-                                                    | 50-29-3    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Dieldrin                                                      | 60-57-1    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Endosulfan, alpha-                                            | 959-98-8   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endosulfan, beta-                                             | 33213-65-9 | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endrin                                                        | 72-20-8    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Heptachlor                                                    | 76-44-8    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Heptachlor epoxide                                            | 1024-57-3  | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachlorobenzene                                             | 118-74-1   | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorobutadiene                                           | 87-68-3    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorocyclohexane, gamma-                                 | 58-89-9    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachloroethane                                              | 67-72-1    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Methoxychlor                                                  | 72-43-5    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| <b>Organochlorine Pesticides (QCLot: 2093743)</b>             |            |         |        |       |          |           |
| Aldrin                                                        | 309-00-2   | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Chlordane, cis- (alpha)                                       | 5103-71-9  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Chlordane, trans- (gamma)                                     | 5103-74-2  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDD, 2,4'-                                                    | 53-19-0    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDD, 4,4'-                                                    | 72-54-8    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDE, 2,4'-                                                    | 3424-82-6  | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDE, 4,4'-                                                    | 72-55-9    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDT, 2,4'-                                                    | 789-02-6   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| DDT, 4,4'-                                                    | 50-29-3    | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Dieldrin                                                      | 60-57-1    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Endosulfan, alpha-                                            | 959-98-8   | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endosulfan, beta-                                             | 33213-65-9 | E660F-L | 0.0003 | mg/kg | <0.00030 | ----      |
| Endrin                                                        | 72-20-8    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Heptachlor                                                    | 76-44-8    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Heptachlor epoxide                                            | 1024-57-3  | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachlorobenzene                                             | 118-74-1   | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Hexachlorobutadiene                                           | 87-68-3    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |





Sub-Matrix: Soil/Solid

| Analyte                                                | CAS Number | Method  | LOR    | Unit  | Result   | Qualifier |
|--------------------------------------------------------|------------|---------|--------|-------|----------|-----------|
| Organochlorine Pesticides (QCLot: 2093743) - continued |            |         |        |       |          |           |
| Hexachlorocyclohexane, gamma-                          | 58-89-9    | E660F-L | 0.0002 | mg/kg | <0.00025 | ----      |
| Hexachloroethane                                       | 67-72-1    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |
| Methoxychlor                                           | 72-43-5    | E660F-L | 0.0005 | mg/kg | <0.00050 | ----      |



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Soil/Solid

|                                 |            |        |      |          | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------|------------|--------|------|----------|----------------------------------------|--------------|---------------------|------|-----------|
|                                 |            |        |      |          | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                         | CAS Number | Method | LOR  | Unit     | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Physical Tests (QCLot: 2082053) |            |        |      |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ---- | pH units | 7 pH units                             | 99.6         | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2082059) |            |        |      |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25 | %        | 50 %                                   | 99.6         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2082125) |            |        |      |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5    | µS/cm    | 1410 µS/cm                             | 98.7         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2082186) |            |        |      |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ---- | pH units | 7 pH units                             | 99.4         | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2082188) |            |        |      |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5    | µS/cm    | 1410 µS/cm                             | 98.4         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2082192) |            |        |      |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25 | %        | 50 %                                   | 99.9         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2084603) |            |        |      |          |                                        |              |                     |      |           |
| pH (1:2 soil:CaCl2-aq)          | ----       | E108A  | ---- | pH units | 7 pH units                             | 100          | 98.0                | 102  | ----      |
| Physical Tests (QCLot: 2084606) |            |        |      |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5    | µS/cm    | 1410 µS/cm                             | 100          | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2084932) |            |        |      |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25 | %        | 50 %                                   | 99.4         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2086298) |            |        |      |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25 | %        | 50 %                                   | 100          | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2086310) |            |        |      |          |                                        |              |                     |      |           |
| Moisture                        | ----       | E144   | 0.25 | %        | 50 %                                   | 99.6         | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2089316) |            |        |      |          |                                        |              |                     |      |           |
| Conductivity (1:2 leachate)     | ----       | E100-L | 5    | µS/cm    | 1410 µS/cm                             | 97.2         | 90.0                | 110  | ----      |
| Cyanides (QCLot: 2082049)       |            |        |      |          |                                        |              |                     |      |           |
| Cyanide, weak acid dissociable  | ----       | E336A  | 0.05 | mg/kg    | 1.25 mg/kg                             | 90.6         | 80.0                | 120  | ----      |
| Cyanides (QCLot: 2082184)       |            |        |      |          |                                        |              |                     |      |           |
| Cyanide, weak acid dissociable  | ----       | E336A  | 0.05 | mg/kg    | 1.25 mg/kg                             | 92.8         | 80.0                | 120  | ----      |
| Cyanides (QCLot: 2084610)       |            |        |      |          |                                        |              |                     |      |           |
| Cyanide, weak acid dissociable  | ----       | E336A  | 0.05 | mg/kg    | 1.25 mg/kg                             | 92.5         | 80.0                | 120  | ----      |
| Inorganics (QCLot: 2089556)     |            |        |      |          |                                        |              |                     |      |           |



| Sub-Matrix: Soil/Solid                  |            |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-----------------------------------------|------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                         |            |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                 | CAS Number | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Inorganics (QCLot: 2089556) - continued |            |        |       |       |                                        |              |                     |      |           |
| Sulfides, acid volatile                 | ----       | E396-L | 0.2   | mg/kg | 100 mg/kg                              | 108          | 70.0                | 130  | ----      |
| Metals (QCLot: 2082124)                 |            |        |       |       |                                        |              |                     |      |           |
| Calcium, soluble ion content            | 7440-70-2  | E484   | 0.5   | mg/L  | 300 mg/L                               | 103          | 80.0                | 120  | ----      |
| Magnesium, soluble ion content          | 7439-95-4  | E484   | 0.5   | mg/L  | 50 mg/L                                | 99.2         | 80.0                | 120  | ----      |
| Sodium, soluble ion content             | 17341-25-2 | E484   | 0.5   | mg/L  | 50 mg/L                                | 98.6         | 80.0                | 120  | ----      |
| Metals (QCLot: 2082126)                 |            |        |       |       |                                        |              |                     |      |           |
| Boron, hot water soluble                | 7440-42-8  | E487   | 0.1   | mg/kg | 2 mg/kg                                | 96.8         | 70.0                | 130  | ----      |
| Metals (QCLot: 2082127)                 |            |        |       |       |                                        |              |                     |      |           |
| Mercury                                 | 7439-97-6  | E510C  | 0.005 | mg/kg | 0.1 mg/kg                              | 100          | 80.0                | 120  | ----      |
| Metals (QCLot: 2082128)                 |            |        |       |       |                                        |              |                     |      |           |
| Antimony                                | 7440-36-0  | E440C  | 0.1   | mg/kg | 100 mg/kg                              | 100          | 80.0                | 120  | ----      |
| Arsenic                                 | 7440-38-2  | E440C  | 0.1   | mg/kg | 100 mg/kg                              | 106          | 80.0                | 120  | ----      |
| Barium                                  | 7440-39-3  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Beryllium                               | 7440-41-7  | E440C  | 0.1   | mg/kg | 10 mg/kg                               | 96.1         | 80.0                | 120  | ----      |
| Boron                                   | 7440-42-8  | E440C  | 5     | mg/kg | 100 mg/kg                              | 94.4         | 80.0                | 120  | ----      |
| Cadmium                                 | 7440-43-9  | E440C  | 0.02  | mg/kg | 10 mg/kg                               | 99.2         | 80.0                | 120  | ----      |
| Chromium                                | 7440-47-3  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 99.4         | 80.0                | 120  | ----      |
| Cobalt                                  | 7440-48-4  | E440C  | 0.1   | mg/kg | 25 mg/kg                               | 98.8         | 80.0                | 120  | ----      |
| Copper                                  | 7440-50-8  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 97.2         | 80.0                | 120  | ----      |
| Lead                                    | 7439-92-1  | E440C  | 0.5   | mg/kg | 50 mg/kg                               | 99.5         | 80.0                | 120  | ----      |
| Molybdenum                              | 7439-98-7  | E440C  | 0.1   | mg/kg | 25 mg/kg                               | 99.9         | 80.0                | 120  | ----      |
| Nickel                                  | 7440-02-0  | E440C  | 0.5   | mg/kg | 50 mg/kg                               | 96.7         | 80.0                | 120  | ----      |
| Selenium                                | 7782-49-2  | E440C  | 0.2   | mg/kg | 100 mg/kg                              | 100          | 80.0                | 120  | ----      |
| Silver                                  | 7440-22-4  | E440C  | 0.1   | mg/kg | 10 mg/kg                               | 88.5         | 80.0                | 120  | ----      |
| Thallium                                | 7440-28-0  | E440C  | 0.05  | mg/kg | 100 mg/kg                              | 90.8         | 80.0                | 120  | ----      |
| Uranium                                 | 7440-61-1  | E440C  | 0.05  | mg/kg | 0.5 mg/kg                              | 102          | 80.0                | 120  | ----      |
| Vanadium                                | 7440-62-2  | E440C  | 0.2   | mg/kg | 50 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Zinc                                    | 7440-66-6  | E440C  | 2     | mg/kg | 50 mg/kg                               | 97.7         | 80.0                | 120  | ----      |
| Metals (QCLot: 2082187)                 |            |        |       |       |                                        |              |                     |      |           |
| Calcium, soluble ion content            | 7440-70-2  | E484   | 0.5   | mg/L  | 300 mg/L                               | 103          | 80.0                | 120  | ----      |
| Magnesium, soluble ion content          | 7439-95-4  | E484   | 0.5   | mg/L  | 50 mg/L                                | 100          | 80.0                | 120  | ----      |
| Sodium, soluble ion content             | 17341-25-2 | E484   | 0.5   | mg/L  | 50 mg/L                                | 99.0         | 80.0                | 120  | ----      |
| Metals (QCLot: 2082189)                 |            |        |       |       |                                        |              |                     |      |           |
| Boron, hot water soluble                | 7440-42-8  | E487   | 0.1   | mg/kg | 2 mg/kg                                | 111          | 70.0                | 130  | ----      |
| Metals (QCLot: 2082190)                 |            |        |       |       |                                        |              |                     |      |           |



Sub-Matrix: Soil/Solid

|                                     |            |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|-------------------------------------|------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                     |            |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                             | CAS Number | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Metals (QCLot: 2082190) - continued |            |        |       |       |                                        |              |                     |      |           |
| Mercury                             | 7439-97-6  | E510C  | 0.005 | mg/kg | 0.1 mg/kg                              | 100          | 80.0                | 120  | ----      |
| Metals (QCLot: 2082191)             |            |        |       |       |                                        |              |                     |      |           |
| Antimony                            | 7440-36-0  | E440C  | 0.1   | mg/kg | 100 mg/kg                              | 109          | 80.0                | 120  | ----      |
| Arsenic                             | 7440-38-2  | E440C  | 0.1   | mg/kg | 100 mg/kg                              | 114          | 80.0                | 120  | ----      |
| Barium                              | 7440-39-3  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 111          | 80.0                | 120  | ----      |
| Beryllium                           | 7440-41-7  | E440C  | 0.1   | mg/kg | 10 mg/kg                               | 108          | 80.0                | 120  | ----      |
| Boron                               | 7440-42-8  | E440C  | 5     | mg/kg | 100 mg/kg                              | 105          | 80.0                | 120  | ----      |
| Cadmium                             | 7440-43-9  | E440C  | 0.02  | mg/kg | 10 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Chromium                            | 7440-47-3  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 109          | 80.0                | 120  | ----      |
| Cobalt                              | 7440-48-4  | E440C  | 0.1   | mg/kg | 25 mg/kg                               | 107          | 80.0                | 120  | ----      |
| Copper                              | 7440-50-8  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Lead                                | 7439-92-1  | E440C  | 0.5   | mg/kg | 50 mg/kg                               | 111          | 80.0                | 120  | ----      |
| Molybdenum                          | 7439-98-7  | E440C  | 0.1   | mg/kg | 25 mg/kg                               | 110          | 80.0                | 120  | ----      |
| Nickel                              | 7440-02-0  | E440C  | 0.5   | mg/kg | 50 mg/kg                               | 106          | 80.0                | 120  | ----      |
| Selenium                            | 7782-49-2  | E440C  | 0.2   | mg/kg | 100 mg/kg                              | 108          | 80.0                | 120  | ----      |
| Silver                              | 7440-22-4  | E440C  | 0.1   | mg/kg | 10 mg/kg                               | 96.2         | 80.0                | 120  | ----      |
| Thallium                            | 7440-28-0  | E440C  | 0.05  | mg/kg | 100 mg/kg                              | 109          | 80.0                | 120  | ----      |
| Uranium                             | 7440-61-1  | E440C  | 0.05  | mg/kg | 0.5 mg/kg                              | 113          | 80.0                | 120  | ----      |
| Vanadium                            | 7440-62-2  | E440C  | 0.2   | mg/kg | 50 mg/kg                               | 111          | 80.0                | 120  | ----      |
| Zinc                                | 7440-66-6  | E440C  | 2     | mg/kg | 50 mg/kg                               | 105          | 80.0                | 120  | ----      |
| Metals (QCLot: 2084604)             |            |        |       |       |                                        |              |                     |      |           |
| Antimony                            | 7440-36-0  | E440C  | 0.1   | mg/kg | 100 mg/kg                              | 101          | 80.0                | 120  | ----      |
| Arsenic                             | 7440-38-2  | E440C  | 0.1   | mg/kg | 100 mg/kg                              | 106          | 80.0                | 120  | ----      |
| Barium                              | 7440-39-3  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 104          | 80.0                | 120  | ----      |
| Beryllium                           | 7440-41-7  | E440C  | 0.1   | mg/kg | 10 mg/kg                               | 101          | 80.0                | 120  | ----      |
| Boron                               | 7440-42-8  | E440C  | 5     | mg/kg | 100 mg/kg                              | 99.4         | 80.0                | 120  | ----      |
| Cadmium                             | 7440-43-9  | E440C  | 0.02  | mg/kg | 10 mg/kg                               | 97.9         | 80.0                | 120  | ----      |
| Chromium                            | 7440-47-3  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 101          | 80.0                | 120  | ----      |
| Cobalt                              | 7440-48-4  | E440C  | 0.1   | mg/kg | 25 mg/kg                               | 99.8         | 80.0                | 120  | ----      |
| Copper                              | 7440-50-8  | E440C  | 0.5   | mg/kg | 25 mg/kg                               | 98.2         | 80.0                | 120  | ----      |
| Lead                                | 7439-92-1  | E440C  | 0.5   | mg/kg | 50 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Molybdenum                          | 7439-98-7  | E440C  | 0.1   | mg/kg | 25 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Nickel                              | 7440-02-0  | E440C  | 0.5   | mg/kg | 50 mg/kg                               | 98.4         | 80.0                | 120  | ----      |
| Selenium                            | 7782-49-2  | E440C  | 0.2   | mg/kg | 100 mg/kg                              | 102          | 80.0                | 120  | ----      |
| Silver                              | 7440-22-4  | E440C  | 0.1   | mg/kg | 10 mg/kg                               | 87.4         | 80.0                | 120  | ----      |
| Thallium                            | 7440-28-0  | E440C  | 0.05  | mg/kg | 100 mg/kg                              | 98.6         | 80.0                | 120  | ----      |



| Sub-Matrix: Soil/Solid                         |            |          |         |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|------------------------------------------------|------------|----------|---------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                |            |          |         |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                        | CAS Number | Method   | LOR     | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Metals (QCLot: 2084604) - continued            |            |          |         |       |                                        |              |                     |      |           |
| Uranium                                        | 7440-61-1  | E440C    | 0.05    | mg/kg | 0.5 mg/kg                              | 98.3         | 80.0                | 120  | ----      |
| Vanadium                                       | 7440-62-2  | E440C    | 0.2     | mg/kg | 50 mg/kg                               | 102          | 80.0                | 120  | ----      |
| Zinc                                           | 7440-66-6  | E440C    | 2       | mg/kg | 50 mg/kg                               | 98.2         | 80.0                | 120  | ----      |
| Metals (QCLot: 2084605)                        |            |          |         |       |                                        |              |                     |      |           |
| Mercury                                        | 7439-97-6  | E510C    | 0.005   | mg/kg | 0.1 mg/kg                              | 100          | 80.0                | 120  | ----      |
| Metals (QCLot: 2084607)                        |            |          |         |       |                                        |              |                     |      |           |
| Calcium, soluble ion content                   | 7440-70-2  | E484     | 0.5     | mg/L  | 300 mg/L                               | 103          | 80.0                | 120  | ----      |
| Magnesium, soluble ion content                 | 7439-95-4  | E484     | 0.5     | mg/L  | 50 mg/L                                | 98.8         | 80.0                | 120  | ----      |
| Sodium, soluble ion content                    | 17341-25-2 | E484     | 0.5     | mg/L  | 50 mg/L                                | 99.0         | 80.0                | 120  | ----      |
| Metals (QCLot: 2084609)                        |            |          |         |       |                                        |              |                     |      |           |
| Boron, hot water soluble                       | 7440-42-8  | E487     | 0.1     | mg/kg | 2 mg/kg                                | 97.6         | 70.0                | 130  | ----      |
| Speciated Metals (QCLot: 2082052)              |            |          |         |       |                                        |              |                     |      |           |
| Chromium, hexavalent [Cr VI]                   | 18540-29-9 | E532     | 0.1     | mg/kg | 0.8 mg/kg                              | 99.2         | 80.0                | 120  | ----      |
| Speciated Metals (QCLot: 2082185)              |            |          |         |       |                                        |              |                     |      |           |
| Chromium, hexavalent [Cr VI]                   | 18540-29-9 | E532     | 0.1     | mg/kg | 0.8 mg/kg                              | 108          | 80.0                | 120  | ----      |
| Speciated Metals (QCLot: 2084608)              |            |          |         |       |                                        |              |                     |      |           |
| Chromium, hexavalent [Cr VI]                   | 18540-29-9 | E532     | 0.1     | mg/kg | 0.8 mg/kg                              | 110          | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2089318)  |            |          |         |       |                                        |              |                     |      |           |
| Sulfate, soluble ion content                   | 14808-79-8 | E236.SO4 | 20      | mg/kg | 1000 mg/kg                             | 97.6         | 80.0                | 120  | ----      |
| Leachable Anions & Nutrients (QCLot: 2089319)  |            |          |         |       |                                        |              |                     |      |           |
| Chloride, soluble ion content                  | 16887-00-6 | E236.Cl  | 5       | mg/kg | 1000 mg/kg                             | 98.8         | 80.0                | 120  | ----      |
| ON mSPLP Metal (target pH= 5) (QCLot: 2101707) |            |          |         |       |                                        |              |                     |      |           |
| Molybdenum, mSPLP                              | 7439-98-7  | E443     | 0.0005  | mg/L  | 0.012 mg/L                             | 97.6         | 70.0                | 130  | ----      |
| Silver, mSPLP                                  | 7440-22-4  | E443     | 0.00025 | mg/L  | 0.005 mg/L                             | 91.7         | 70.0                | 130  | ----      |
| Thallium, mSPLP                                | 7440-28-0  | E443     | 0.0005  | mg/L  | 0.05 mg/L                              | 105          | 70.0                | 130  | ----      |
| mSPLP VOCs (QCLot: 2101525)                    |            |          |         |       |                                        |              |                     |      |           |
| Dichloroethane, 1,2-, mSPLP                    | 107-06-2   | E619D    | 0.5     | µg/L  | 100 µg/L                               | 105          | 70.0                | 130  | ----      |
| Dichloroethylene, 1,1-, mSPLP                  | 75-35-4    | E619D    | 0.5     | µg/L  | 100 µg/L                               | 108          | 70.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-, mSPLP              | 156-59-2   | E619D    | 0.5     | µg/L  | 100 µg/L                               | 114          | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-, mSPLP            | 156-60-5   | E619D    | 0.5     | µg/L  | 100 µg/L                               | 112          | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-, mSPLP                   | 78-87-5    | E619D    | 0.5     | µg/L  | 100 µg/L                               | 114          | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-, mSPLP             | 10061-01-5 | E619D    | 0.2     | µg/L  | 100 µg/L                               | 96.8         | 70.0                | 130  | ----      |



| Sub-Matrix: Soil/Solid                      |            |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------|------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                             |            |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                             |            |        |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                     | CAS Number | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| mSPLP VOCs (QCLot: 2101525) - continued     |            |        |       |       |                                        |              |                     |      |           |
| Dichloropropylene, trans-1,3-, mSPLP        | 10061-02-6 | E619D  | 0.2   | µg/L  | 100 µg/L                               | 98.8         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-, mSPLP          | 630-20-6   | E619D  | 0.5   | µg/L  | 100 µg/L                               | 102          | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-, mSPLP          | 630-20-6   | E619D  | 0.5   | µg/L  | 100 µg/L                               | 129          | 70.0                | 130  | ----      |
| Tetrachloroethylene, mSPLP                  | 127-18-4   | E619D  | 0.5   | µg/L  | 100 µg/L                               | 97.0         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,2-, mSPLP              | 79-00-5    | E619D  | 0.5   | µg/L  | 100 µg/L                               | 111          | 70.0                | 130  | ----      |
| Trichloroethylene, mSPLP                    | 79-01-6    | E619D  | 0.5   | µg/L  | 100 µg/L                               | 102          | 70.0                | 130  | ----      |
| Volatile Organic Compounds (QCLot: 2082045) |            |        |       |       |                                        |              |                     |      |           |
| Acetone                                     | 67-64-1    | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 72.1         | 60.0                | 140  | ----      |
| Benzene                                     | 71-43-2    | E611D  | 0.005 | mg/kg | 3.48 mg/kg                             | 97.1         | 70.0                | 130  | ----      |
| Bromodichloromethane                        | 75-27-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 85.7         | 50.0                | 140  | ----      |
| Bromoform                                   | 75-25-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 83.9         | 70.0                | 130  | ----      |
| Bromomethane                                | 74-83-9    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 71.2         | 50.0                | 140  | ----      |
| Carbon tetrachloride                        | 56-23-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 81.2         | 70.0                | 130  | ----      |
| Chlorobenzene                               | 108-90-7   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 92.8         | 70.0                | 130  | ----      |
| Chloroform                                  | 67-66-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 85.7         | 70.0                | 130  | ----      |
| Dibromochloromethane                        | 124-48-1   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 85.5         | 60.0                | 130  | ----      |
| Dibromoethane, 1,2-                         | 106-93-4   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 74.7         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                       | 95-50-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.2         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                       | 541-73-1   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 92.7         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                       | 106-46-7   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 94.1         | 70.0                | 130  | ----      |
| Dichlorodifluoromethane                     | 75-71-8    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 75.7         | 50.0                | 140  | ----      |
| Dichloroethane, 1,1-                        | 75-34-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 87.8         | 60.0                | 130  | ----      |
| Dichloroethane, 1,2-                        | 107-06-2   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 72.0         | 60.0                | 130  | ----      |
| Dichloroethylene, 1,1-                      | 75-35-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 92.6         | 60.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-                  | 156-59-2   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 87.8         | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-                | 156-60-5   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 93.4         | 60.0                | 130  | ----      |
| Dichloromethane                             | 75-09-2    | E611D  | 0.045 | mg/kg | 3.48 mg/kg                             | 82.5         | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                       | 78-87-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 90.4         | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                 | 10061-01-5 | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 79.4         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-               | 10061-02-6 | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 76.7         | 70.0                | 130  | ----      |
| Ethylbenzene                                | 100-41-4   | E611D  | 0.015 | mg/kg | 3.48 mg/kg                             | 94.3         | 70.0                | 130  | ----      |
| Hexane, n-                                  | 110-54-3   | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK]                   | 78-93-3    | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 71.3         | 60.0                | 140  | ----      |
| Methyl isobutyl ketone [MIBK]               | 108-10-1   | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 67.2         | 60.0                | 140  | ----      |
| Methyl-tert-butyl ether [MTBE]              | 1634-04-4  | E611D  | 0.04  | mg/kg | 3.48 mg/kg                             | 88.6         | 70.0                | 130  | ----      |





| Sub-Matrix: Soil/Solid                                  |             |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                         |             |        |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                 | CAS Number  | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2082045) - continued |             |        |       |       |                                        |              |                     |      |           |
| Styrene                                                 | 100-42-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 87.4         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 86.0         | 60.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 96.9         | 60.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 94.8         | 60.0                | 130  | ----      |
| Toluene                                                 | 108-88-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 99.5         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 79.5         | 60.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 80.5         | 60.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6     | E611D  | 0.01  | mg/kg | 3.48 mg/kg                             | 94.6         | 60.0                | 130  | ----      |
| Trichlorofluoromethane                                  | 75-69-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 80.7         | 50.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611D  | 0.02  | mg/kg | 3.48 mg/kg                             | 95.7         | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611D  | 0.03  | mg/kg | 6.95 mg/kg                             | 94.1         | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 90.5         | 70.0                | 130  | ----      |
| Volatile Organic Compounds (QCLot: 2082072)             |             |        |       |       |                                        |              |                     |      |           |
| Acetone                                                 | 67-64-1     | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 112          | 60.0                | 140  | ----      |
| Benzene                                                 | 71-43-2     | E611D  | 0.005 | mg/kg | 3.48 mg/kg                             | 104          | 70.0                | 130  | ----      |
| Bromodichloromethane                                    | 75-27-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 118          | 50.0                | 140  | ----      |
| Bromoform                                               | 75-25-2     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 102          | 70.0                | 130  | ----      |
| Bromomethane                                            | 74-83-9     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 88.7         | 50.0                | 140  | ----      |
| Carbon tetrachloride                                    | 56-23-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 98.4         | 70.0                | 130  | ----      |
| Chlorobenzene                                           | 108-90-7    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 102          | 70.0                | 130  | ----      |
| Chloroform                                              | 67-66-3     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 111          | 70.0                | 130  | ----      |
| Dibromochloromethane                                    | 124-48-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 118          | 60.0                | 130  | ----      |
| Dibromoethane, 1,2-                                     | 106-93-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 108          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                                   | 95-50-1     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 102          | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                                   | 541-73-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 97.0         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                                   | 106-46-7    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 103          | 70.0                | 130  | ----      |
| Dichlorodifluoromethane                                 | 75-71-8     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 86.3         | 50.0                | 140  | ----      |
| Dichloroethane, 1,1-                                    | 75-34-3     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 98.3         | 60.0                | 130  | ----      |
| Dichloroethane, 1,2-                                    | 107-06-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 111          | 60.0                | 130  | ----      |
| Dichloroethylene, 1,1-                                  | 75-35-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 60.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-                              | 156-59-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 106          | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-                            | 156-60-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 104          | 60.0                | 130  | ----      |
| Dichloromethane                                         | 75-09-2     | E611D  | 0.045 | mg/kg | 3.48 mg/kg                             | 113          | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                                   | 78-87-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 107          | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                             | 10061-01-5  | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 96.0         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-                           | 10061-02-6  | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 91.9         | 70.0                | 130  | ----      |



| Sub-Matrix: Soil/Solid                                  |             |        |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|--------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |        |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                         |             |        |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                 | CAS Number  | Method | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2082072) - continued |             |        |       |       |                                        |              |                     |      |           |
| Ethylbenzene                                            | 100-41-4    | E611D  | 0.015 | mg/kg | 3.48 mg/kg                             | 90.6         | 70.0                | 130  | ----      |
| Hexane, n-                                              | 110-54-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 94.5         | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK]                               | 78-93-3     | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 112          | 60.0                | 140  | ----      |
| Methyl isobutyl ketone [MIBK]                           | 108-10-1    | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 97.8         | 60.0                | 140  | ----      |
| Methyl-tert-butyl ether [MTBE]                          | 1634-04-4   | E611D  | 0.04  | mg/kg | 3.48 mg/kg                             | 97.8         | 70.0                | 130  | ----      |
| Styrene                                                 | 100-42-5    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 93.5         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 102          | 60.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 117          | 60.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 91.4         | 60.0                | 130  | ----      |
| Toluene                                                 | 108-88-3    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 93.4         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 95.1         | 60.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 109          | 60.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6     | E611D  | 0.01  | mg/kg | 3.48 mg/kg                             | 106          | 60.0                | 130  | ----      |
| Trichlorofluoromethane                                  | 75-69-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 94.4         | 50.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611D  | 0.02  | mg/kg | 3.48 mg/kg                             | 99.8         | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611D  | 0.03  | mg/kg | 6.95 mg/kg                             | 91.7         | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611D  | 0.03  | mg/kg | 3.48 mg/kg                             | 94.6         | 70.0                | 130  | ----      |
| Volatile Organic Compounds (QCLot: 2082075)             |             |        |       |       |                                        |              |                     |      |           |
| Acetone                                                 | 67-64-1     | E611D  | 0.5   | mg/kg | 3.48 mg/kg                             | 102          | 60.0                | 140  | ----      |
| Benzene                                                 | 71-43-2     | E611D  | 0.005 | mg/kg | 3.48 mg/kg                             | 101          | 70.0                | 130  | ----      |
| Bromodichloromethane                                    | 75-27-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 104          | 50.0                | 140  | ----      |
| Bromoform                                               | 75-25-2     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 88.4         | 70.0                | 130  | ----      |
| Bromomethane                                            | 74-83-9     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 82.4         | 50.0                | 140  | ----      |
| Carbon tetrachloride                                    | 56-23-5     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 92.9         | 70.0                | 130  | ----      |
| Chlorobenzene                                           | 108-90-7    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 97.7         | 70.0                | 130  | ----      |
| Chloroform                                              | 67-66-3     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 99.7         | 70.0                | 130  | ----      |
| Dibromochloromethane                                    | 124-48-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 89.0         | 60.0                | 130  | ----      |
| Dibromoethane, 1,2-                                     | 106-93-4    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 89.5         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,2-                                   | 95-50-1     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 99.4         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,3-                                   | 541-73-1    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 99.6         | 70.0                | 130  | ----      |
| Dichlorobenzene, 1,4-                                   | 106-46-7    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 99.7         | 70.0                | 130  | ----      |
| Dichlorodifluoromethane                                 | 75-71-8     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 107          | 50.0                | 140  | ----      |
| Dichloroethane, 1,1-                                    | 75-34-3     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 107          | 60.0                | 130  | ----      |
| Dichloroethane, 1,2-                                    | 107-06-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 60.0                | 130  | ----      |
| Dichloroethylene, 1,1-                                  | 75-35-4     | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 104          | 60.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-                              | 156-59-2    | E611D  | 0.05  | mg/kg | 3.48 mg/kg                             | 102          | 70.0                | 130  | ----      |



| Sub-Matrix: Soil/Solid                                  |             |           |       |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------|-------------|-----------|-------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                         |             |           |       |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                         |             |           |       |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                 | CAS Number  | Method    | LOR   | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2082075) - continued |             |           |       |       |                                        |              |                     |      |           |
| Dichloroethylene, trans-1,2-                            | 156-60-5    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 103          | 60.0                | 130  | ----      |
| Dichloromethane                                         | 75-09-2     | E611D     | 0.045 | mg/kg | 3.48 mg/kg                             | 97.4         | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-                                   | 78-87-5     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 101          | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-                             | 10061-01-5  | E611D     | 0.03  | mg/kg | 3.48 mg/kg                             | 96.7         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-                           | 10061-02-6  | E611D     | 0.03  | mg/kg | 3.48 mg/kg                             | 95.4         | 70.0                | 130  | ----      |
| Ethylbenzene                                            | 100-41-4    | E611D     | 0.015 | mg/kg | 3.48 mg/kg                             | 95.4         | 70.0                | 130  | ----      |
| Hexane, n-                                              | 110-54-3    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 113          | 70.0                | 130  | ----      |
| Methyl ethyl ketone [MEK]                               | 78-93-3     | E611D     | 0.5   | mg/kg | 3.48 mg/kg                             | 102          | 60.0                | 140  | ----      |
| Methyl isobutyl ketone [MIBK]                           | 108-10-1    | E611D     | 0.5   | mg/kg | 3.48 mg/kg                             | 86.2         | 60.0                | 140  | ----      |
| Methyl-tert-butyl ether [MTBE]                          | 1634-04-4   | E611D     | 0.04  | mg/kg | 3.48 mg/kg                             | 96.0         | 70.0                | 130  | ----      |
| Styrene                                                 | 100-42-5    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 91.4         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-                             | 630-20-6    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 89.3         | 60.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-                             | 79-34-5     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 96.5         | 60.0                | 130  | ----      |
| Tetrachloroethylene                                     | 127-18-4    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 90.3         | 60.0                | 130  | ----      |
| Toluene                                                 | 108-88-3    | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 97.0         | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,1-                                 | 71-55-6     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 95.2         | 60.0                | 130  | ----      |
| Trichloroethane, 1,1,2-                                 | 79-00-5     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 92.3         | 60.0                | 130  | ----      |
| Trichloroethylene                                       | 79-01-6     | E611D     | 0.01  | mg/kg | 3.48 mg/kg                             | 94.8         | 60.0                | 130  | ----      |
| Trichlorofluoromethane                                  | 75-69-4     | E611D     | 0.05  | mg/kg | 3.48 mg/kg                             | 96.9         | 50.0                | 140  | ----      |
| Vinyl chloride                                          | 75-01-4     | E611D     | 0.02  | mg/kg | 3.48 mg/kg                             | 100          | 60.0                | 140  | ----      |
| Xylene, m+p-                                            | 179601-23-1 | E611D     | 0.03  | mg/kg | 6.95 mg/kg                             | 101          | 70.0                | 130  | ----      |
| Xylene, o-                                              | 95-47-6     | E611D     | 0.03  | mg/kg | 3.48 mg/kg                             | 95.5         | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2082046)                           |             |           |       |       |                                        |              |                     |      |           |
| F1 (C6-C10)                                             | ----        | E581.F1   | 5     | mg/kg | 69.2 mg/kg                             | 101          | 80.0                | 120  | ----      |
| Hydrocarbons (QCLot: 2082051)                           |             |           |       |       |                                        |              |                     |      |           |
| F2 (C10-C16)                                            | ----        | E601.SG-L | 10    | mg/kg | 671 mg/kg                              | 96.3         | 70.0                | 130  | ----      |
| F3 (C16-C34)                                            | ----        | E601.SG-L | 50    | mg/kg | 1380 mg/kg                             | 101          | 70.0                | 130  | ----      |
| F4 (C34-C50)                                            | ----        | E601.SG-L | 50    | mg/kg | 748 mg/kg                              | 107          | 70.0                | 130  | ----      |
| Hydrocarbons (QCLot: 2082073)                           |             |           |       |       |                                        |              |                     |      |           |
| F1 (C6-C10)                                             | ----        | E581.F1   | 5     | mg/kg | 69.2 mg/kg                             | 86.3         | 80.0                | 120  | ----      |
| Hydrocarbons (QCLot: 2082076)                           |             |           |       |       |                                        |              |                     |      |           |
| F1 (C6-C10)                                             | ----        | E581.F1   | 5     | mg/kg | 69.2 mg/kg                             | 99.6         | 80.0                | 120  | ----      |
| Hydrocarbons (QCLot: 2082103)                           |             |           |       |       |                                        |              |                     |      |           |
| F2 (C10-C16)                                            | ----        | E601.SG-L | 10    | mg/kg | 671 mg/kg                              | 98.3         | 70.0                | 130  | ----      |
| F3 (C16-C34)                                            | ----        | E601.SG-L | 50    | mg/kg | 1380 mg/kg                             | 103          | 70.0                | 130  | ----      |



Sub-Matrix: Soil/Solid

|                                                   |            |           |      |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------|------------|-----------|------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                   |            |           |      |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                           | CAS Number | Method    | LOR  | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Hydrocarbons (QCLot: 2082103) - continued         |            |           |      |       |                                        |              |                     |      |           |
| F4 (C34-C50)                                      | ----       | E601.SG-L | 50   | mg/kg | 748 mg/kg                              | 101          | 70.0                | 130  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2082050) |            |           |      |       |                                        |              |                     |      |           |
| Acenaphthene                                      | 83-32-9    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 93.6         | 60.0                | 130  | ----      |
| Acenaphthylene                                    | 208-96-8   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 94.0         | 60.0                | 130  | ----      |
| Anthracene                                        | 120-12-7   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 90.0         | 60.0                | 130  | ----      |
| Benz(a)anthracene                                 | 56-55-3    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 87.6         | 60.0                | 130  | ----      |
| Benzo(a)pyrene                                    | 50-32-8    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 93.7         | 60.0                | 130  | ----      |
| Benzo(b+j)fluoranthene                            | n/a        | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 92.4         | 60.0                | 130  | ----      |
| Benzo(g,h,i)perylene                              | 191-24-2   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 97.7         | 60.0                | 130  | ----      |
| Benzo(k)fluoranthene                              | 207-08-9   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 97.9         | 60.0                | 130  | ----      |
| Chrysene                                          | 218-01-9   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 94.2         | 60.0                | 130  | ----      |
| Dibenz(a,h)anthracene                             | 53-70-3    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 96.6         | 60.0                | 130  | ----      |
| Fluoranthene                                      | 206-44-0   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 94.5         | 60.0                | 130  | ----      |
| Fluorene                                          | 86-73-7    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 94.7         | 60.0                | 130  | ----      |
| Indeno(1,2,3-c,d)pyrene                           | 193-39-5   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 96.9         | 60.0                | 130  | ----      |
| Methylnaphthalene, 1-                             | 90-12-0    | E641A     | 0.03 | mg/kg | 0.5 mg/kg                              | 89.0         | 60.0                | 130  | ----      |
| Methylnaphthalene, 2-                             | 91-57-6    | E641A     | 0.03 | mg/kg | 0.5 mg/kg                              | 93.6         | 60.0                | 130  | ----      |
| Naphthalene                                       | 91-20-3    | E641A     | 0.01 | mg/kg | 0.5 mg/kg                              | 88.9         | 60.0                | 130  | ----      |
| Phenanthrene                                      | 85-01-8    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 89.7         | 60.0                | 130  | ----      |
| Pyrene                                            | 129-00-0   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 93.6         | 60.0                | 130  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2082102) |            |           |      |       |                                        |              |                     |      |           |
| Acenaphthene                                      | 83-32-9    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 89.8         | 60.0                | 130  | ----      |
| Acenaphthylene                                    | 208-96-8   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 92.2         | 60.0                | 130  | ----      |
| Anthracene                                        | 120-12-7   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 96.8         | 60.0                | 130  | ----      |
| Benz(a)anthracene                                 | 56-55-3    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 84.8         | 60.0                | 130  | ----      |
| Benzo(a)pyrene                                    | 50-32-8    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 97.7         | 60.0                | 130  | ----      |
| Benzo(b+j)fluoranthene                            | n/a        | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 94.8         | 60.0                | 130  | ----      |
| Benzo(g,h,i)perylene                              | 191-24-2   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 85.5         | 60.0                | 130  | ----      |
| Benzo(k)fluoranthene                              | 207-08-9   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 92.6         | 60.0                | 130  | ----      |
| Chrysene                                          | 218-01-9   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 86.8         | 60.0                | 130  | ----      |
| Dibenz(a,h)anthracene                             | 53-70-3    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 87.3         | 60.0                | 130  | ----      |
| Fluoranthene                                      | 206-44-0   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 90.9         | 60.0                | 130  | ----      |
| Fluorene                                          | 86-73-7    | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 91.9         | 60.0                | 130  | ----      |
| Indeno(1,2,3-c,d)pyrene                           | 193-39-5   | E641A     | 0.05 | mg/kg | 0.5 mg/kg                              | 94.0         | 60.0                | 130  | ----      |
| Methylnaphthalene, 1-                             | 90-12-0    | E641A     | 0.03 | mg/kg | 0.5 mg/kg                              | 88.5         | 60.0                | 130  | ----      |



| Sub-Matrix: Soil/Solid                                        |            |         |        |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|---------------------------------------------------------------|------------|---------|--------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                               |            |         |        |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      | Qualifier |
|                                                               |            |         |        |       | Target Concentration                   | LCS          | Low                 | High |           |
| Analyte                                                       | CAS Number | Method  | LOR    | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2082102) - continued |            |         |        |       |                                        |              |                     |      |           |
| Methylnaphthalene, 2-                                         | 91-57-6    | E641A   | 0.03   | mg/kg | 0.5 mg/kg                              | 90.4         | 60.0                | 130  | ----      |
| Naphthalene                                                   | 91-20-3    | E641A   | 0.01   | mg/kg | 0.5 mg/kg                              | 84.5         | 60.0                | 130  | ----      |
| Phenanthrene                                                  | 85-01-8    | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 86.0         | 60.0                | 130  | ----      |
| Pyrene                                                        | 129-00-0   | E641A   | 0.05   | mg/kg | 0.5 mg/kg                              | 89.0         | 60.0                | 130  | ----      |
| Organochlorine Pesticides (QCLot: 2087348)                    |            |         |        |       |                                        |              |                     |      |           |
| Aldrin                                                        | 309-00-2   | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 80.6         | 50.0                | 150  | ----      |
| Chlordane, cis- (alpha)                                       | 5103-71-9  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 84.4         | 50.0                | 150  | ----      |
| Chlordane, trans- (gamma)                                     | 5103-74-2  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 71.1         | 50.0                | 150  | ----      |
| DDD, 2,4'-                                                    | 53-19-0    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 94.2         | 50.0                | 150  | ----      |
| DDD, 4,4'-                                                    | 72-54-8    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 85.6         | 50.0                | 150  | ----      |
| DDE, 2,4'-                                                    | 3424-82-6  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 77.0         | 50.0                | 150  | ----      |
| DDE, 4,4'-                                                    | 72-55-9    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 76.0         | 50.0                | 150  | ----      |
| DDT, 2,4'-                                                    | 789-02-6   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 90.6         | 50.0                | 150  | ----      |
| DDT, 4,4'-                                                    | 50-29-3    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 88.4         | 50.0                | 150  | ----      |
| Dieldrin                                                      | 60-57-1    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 97.0         | 50.0                | 150  | ----      |
| Endosulfan, alpha-                                            | 959-98-8   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 88.8         | 50.0                | 150  | ----      |
| Endosulfan, beta-                                             | 33213-65-9 | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 87.3         | 50.0                | 150  | ----      |
| Endrin                                                        | 72-20-8    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 91.1         | 50.0                | 150  | ----      |
| Heptachlor                                                    | 76-44-8    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 84.5         | 50.0                | 150  | ----      |
| Heptachlor epoxide                                            | 1024-57-3  | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 83.0         | 50.0                | 150  | ----      |
| Hexachlorobenzene                                             | 118-74-1   | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 97.4         | 50.0                | 150  | ----      |
| Hexachlorobutadiene                                           | 87-68-3    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 93.2         | 50.0                | 150  | ----      |
| Hexachlorocyclohexane, gamma-                                 | 58-89-9    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 93.9         | 50.0                | 150  | ----      |
| Hexachloroethane                                              | 67-72-1    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 87.6         | 50.0                | 150  | ----      |
| Methoxychlor                                                  | 72-43-5    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 94.2         | 50.0                | 150  | ----      |
| Organochlorine Pesticides (QCLot: 2093743)                    |            |         |        |       |                                        |              |                     |      |           |
| Aldrin                                                        | 309-00-2   | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 98.2         | 50.0                | 150  | ----      |
| Chlordane, cis- (alpha)                                       | 5103-71-9  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 149          | 50.0                | 150  | ----      |
| Chlordane, trans- (gamma)                                     | 5103-74-2  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 128          | 50.0                | 150  | ----      |
| DDD, 2,4'-                                                    | 53-19-0    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | # 154        | 50.0                | 150  | LCS-H     |
| DDD, 4,4'-                                                    | 72-54-8    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 132          | 50.0                | 150  | ----      |
| DDE, 2,4'-                                                    | 3424-82-6  | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 131          | 50.0                | 150  | ----      |
| DDE, 4,4'-                                                    | 72-55-9    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 127          | 50.0                | 150  | ----      |
| DDT, 2,4'-                                                    | 789-02-6   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 94.8         | 50.0                | 150  | ----      |
| DDT, 4,4'-                                                    | 50-29-3    | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 58.7         | 50.0                | 150  | ----      |



| Sub-Matrix: Soil/Solid                                 |            |         |        |       | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|--------------------------------------------------------|------------|---------|--------|-------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                        |            |         |        |       | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
|                                                        |            |         |        |       | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Analyte                                                | CAS Number | Method  | LOR    | Unit  | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| Organochlorine Pesticides (QCLot: 2093743) - continued |            |         |        |       |                                        |              |                     |      |           |
| Dieldrin                                               | 60-57-1    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | # 153        | 50.0                | 150  | LCS-H     |
| Endosulfan, alpha-                                     | 959-98-8   | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 138          | 50.0                | 150  | ----      |
| Endosulfan, beta-                                      | 33213-65-9 | E660F-L | 0.0003 | mg/kg | 0.012 mg/kg                            | 128          | 50.0                | 150  | ----      |
| Endrin                                                 | 72-20-8    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 90.9         | 50.0                | 150  | ----      |
| Heptachlor                                             | 76-44-8    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 85.5         | 50.0                | 150  | ----      |
| Heptachlor epoxide                                     | 1024-57-3  | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 141          | 50.0                | 150  | ----      |
| Hexachlorobenzene                                      | 118-74-1   | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 92.2         | 50.0                | 150  | ----      |
| Hexachlorobutadiene                                    | 87-68-3    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 87.0         | 50.0                | 150  | ----      |
| Hexachlorocyclohexane, gamma-                          | 58-89-9    | E660F-L | 0.0002 | mg/kg | 0.012 mg/kg                            | 94.4         | 50.0                | 150  | ----      |
| Hexachloroethane                                       | 67-72-1    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | 84.2         | 50.0                | 150  | ----      |
| Methoxychlor                                           | 72-43-5    | E660F-L | 0.0005 | mg/kg | 0.012 mg/kg                            | # 38.8       | 50.0                | 150  | LCS-L     |

Qualifiers

| Qualifier | Description                                                                                                                                                                                                          |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LCS-H     | Lab Control Sample recovery was above ALS DQO. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.                                                                 |
| LCS-L     | Lab Control Sample recovery was below ALS DQO. Reference Material and/or Matrix Spike results were acceptable. Non-detected sample results are considered reliable. Other results, if reported, have been qualified. |





Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                         |                                        |                                      |            |          | Matrix Spike (MS) Report |            |              |                     |      |           |
|------------------------------------------------|----------------------------------------|--------------------------------------|------------|----------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                                |                                        |                                      |            |          | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                           | Client sample ID                       | Analyte                              | CAS Number | Method   | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Cyanides (QCLot: 2082049)                      |                                        |                                      |            |          |                          |            |              |                     |      |           |
| WT2517131-002                                  | S-12669624-250625-RB-BH<br>25-16-0'-2' | Cyanide, weak acid dissociable       | ----       | E336A    | 1.19 mg/kg               | 1.26 mg/kg | 94.2         | 70.0                | 130  | ----      |
| Cyanides (QCLot: 2082184)                      |                                        |                                      |            |          |                          |            |              |                     |      |           |
| WT2517053-001                                  | Anonymous                              | Cyanide, weak acid dissociable       | ----       | E336A    | 1.23 mg/kg               | 1.25 mg/kg | 98.2         | 70.0                | 130  | ----      |
| Cyanides (QCLot: 2084610)                      |                                        |                                      |            |          |                          |            |              |                     |      |           |
| WT2516945-001                                  | Anonymous                              | Cyanide, weak acid dissociable       | ----       | E336A    | 1.16 mg/kg               | 1.25 mg/kg | 92.7         | 70.0                | 130  | ----      |
| ON mSPLP Metal (target pH= 5) (QCLot: 2101707) |                                        |                                      |            |          |                          |            |              |                     |      |           |
| WT2518002-007                                  | Anonymous                              | Molybdenum, mSPLP                    | 7439-98-7  | E443     | 1.43 mg/L                | 1.25 mg/L  | 114          | 50.0                | 140  | ----      |
|                                                |                                        | Silver, mSPLP                        | 7440-22-4  | E443     | 0.113 mg/L               | 0.1 mg/L   | 113          | 50.0                | 140  | ----      |
|                                                |                                        | Thallium, mSPLP                      | 7440-28-0  | E443     | 5.95 mg/L                | 5 mg/L     | 119          | 50.0                | 140  | ----      |
| mSPLP VOCs (QCLot: 2101525)                    |                                        |                                      |            |          |                          |            |              |                     |      |           |
| WT2517131-026                                  | S-12669624-260625-RB-BH<br>25-04-5'-7' | Dichloroethane, 1,2-, mSPLP          | 107-06-2   | E619D    | 104 µg/L                 | 100 µg/L   | 104          | 50.0                | 140  | ----      |
|                                                |                                        | Dichloroethylene, 1,1-, mSPLP        | 75-35-4    | E619D    | 98.9 µg/L                | 100 µg/L   | 98.9         | 50.0                | 140  | ----      |
|                                                |                                        | Dichloroethylene, cis-1,2-, mSPLP    | 156-59-2   | E619D    | 112 µg/L                 | 100 µg/L   | 112          | 50.0                | 140  | ----      |
|                                                |                                        | Dichloroethylene, trans-1,2-, mSPLP  | 156-60-5   | E619D    | 106 µg/L                 | 100 µg/L   | 106          | 50.0                | 140  | ----      |
|                                                |                                        | Dichloropropane, 1,2-, mSPLP         | 78-87-5    | E619D    | 113 µg/L                 | 100 µg/L   | 113          | 50.0                | 140  | ----      |
|                                                |                                        | Dichloropropylene, cis-1,3-, mSPLP   | 10061-01-5 | E619D    | 94.2 µg/L                | 100 µg/L   | 94.2         | 50.0                | 140  | ----      |
|                                                |                                        | Dichloropropylene, trans-1,3-, mSPLP | 10061-02-6 | E619D    | 96.2 µg/L                | 100 µg/L   | 96.2         | 50.0                | 140  | ----      |
|                                                |                                        | Tetrachloroethane, 1,1,1,2-, mSPLP   | 630-20-6   | E619D    | 98.9 µg/L                | 100 µg/L   | 98.9         | 50.0                | 140  | ----      |
|                                                |                                        | Tetrachloroethane, 1,1,2,2-, mSPLP   | 630-20-6   | E619D    | 133 µg/L                 | 100 µg/L   | 133          | 50.0                | 140  | ----      |
|                                                |                                        | Tetrachloroethylene, mSPLP           | 127-18-4   | E619D    | 90.2 µg/L                | 100 µg/L   | 90.2         | 50.0                | 140  | ----      |
|                                                |                                        | Trichloroethane, 1,1,2-, mSPLP       | 79-00-5    | E619D    | 110 µg/L                 | 100 µg/L   | 110          | 50.0                | 140  | ----      |
| Trichloroethylene, mSPLP                       | 79-01-6                                | E619D                                | 96.0 µg/L  | 100 µg/L | 96.0                     | 50.0       | 140          | ----                |      |           |
| Volatile Organic Compounds (QCLot: 2082045)    |                                        |                                      |            |          |                          |            |              |                     |      |           |
| WT2516800-007                                  | Anonymous                              | Acetone                              | 67-64-1    | E611D    | 2.35 mg/kg               | 2.85 mg/kg | 82.5         | 50.0                | 140  | ----      |
|                                                |                                        | Benzene                              | 71-43-2    | E611D    | 3.10 mg/kg               | 2.85 mg/kg | 109          | 50.0                | 140  | ----      |
|                                                |                                        | Bromodichloromethane                 | 75-27-4    | E611D    | 2.72 mg/kg               | 2.85 mg/kg | 95.6         | 50.0                | 140  | ----      |
|                                                |                                        | Bromoform                            | 75-25-2    | E611D    | 2.76 mg/kg               | 2.85 mg/kg | 96.8         | 50.0                | 140  | ----      |
|                                                |                                        | Bromomethane                         | 74-83-9    | E611D    | 2.34 mg/kg               | 2.85 mg/kg | 82.1         | 50.0                | 140  | ----      |
|                                                |                                        | Carbon tetrachloride                 | 56-23-5    | E611D    | 2.59 mg/kg               | 2.85 mg/kg | 90.8         | 50.0                | 140  | ----      |
|                                                |                                        | Chlorobenzene                        | 108-90-7   | E611D    | 2.93 mg/kg               | 2.85 mg/kg | 103          | 50.0                | 140  | ----      |
|                                                |                                        | Chloroform                           | 67-66-3    | E611D    | 2.74 mg/kg               | 2.85 mg/kg | 96.2         | 50.0                | 140  | ----      |
|                                                |                                        | Dibromochloromethane                 | 124-48-1   | E611D    | 2.74 mg/kg               | 2.85 mg/kg | 96.2         | 50.0                | 140  | ----      |
|                                                |                                        | Dibromoethane, 1,2-                  | 106-93-4   | E611D    | 2.42 mg/kg               | 2.85 mg/kg | 84.9         | 50.0                | 140  | ----      |
|                                                |                                        | Dichlorobenzene, 1,2-                | 95-50-1    | E611D    | 3.02 mg/kg               | 2.85 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                |                                        | Dichlorobenzene, 1,3-                | 541-73-1   | E611D    | 2.97 mg/kg               | 2.85 mg/kg | 104          | 50.0                | 140  | ----      |
|                                                |                                        | Dichlorobenzene, 1,4-                | 106-46-7   | E611D    | 3.02 mg/kg               | 2.85 mg/kg | 106          | 50.0                | 140  | ----      |



| Sub-Matrix: Soil/Solid                                  |                                        |                                |             |        | Matrix Spike (MS) Report |            |              |                     |      |           |
|---------------------------------------------------------|----------------------------------------|--------------------------------|-------------|--------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                                         |                                        |                                |             |        | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                    | Client sample ID                       | Analyte                        | CAS Number  | Method | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2082045) - continued |                                        |                                |             |        |                          |            |              |                     |      |           |
| WT2516800-007                                           | Anonymous                              | Dichlorodifluoromethane        | 75-71-8     | E611D  | 2.99 mg/kg               | 2.85 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethane, 1,1-           | 75-34-3     | E611D  | 2.88 mg/kg               | 2.85 mg/kg | 101          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethane, 1,2-           | 107-06-2    | E611D  | 2.33 mg/kg               | 2.85 mg/kg | 81.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, 1,1-         | 75-35-4     | E611D  | 2.99 mg/kg               | 2.85 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, cis-1,2-     | 156-59-2    | E611D  | 2.81 mg/kg               | 2.85 mg/kg | 98.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, trans-1,2-   | 156-60-5    | E611D  | 2.99 mg/kg               | 2.85 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloromethane                | 75-09-2     | E611D  | 2.68 mg/kg               | 2.85 mg/kg | 94.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropane, 1,2-          | 78-87-5     | E611D  | 2.89 mg/kg               | 2.85 mg/kg | 102          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D  | 2.53 mg/kg               | 2.85 mg/kg | 88.8         | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D  | 2.49 mg/kg               | 2.85 mg/kg | 87.4         | 50.0                | 140  | ----      |
|                                                         |                                        | Ethylbenzene                   | 100-41-4    | E611D  | 3.00 mg/kg               | 2.85 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Hexane, n-                     | 110-54-3    | E611D  | 3.43 mg/kg               | 2.85 mg/kg | 120          | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D  | 2.23 mg/kg               | 2.85 mg/kg | 78.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D  | 2.05 mg/kg               | 2.85 mg/kg | 72.1         | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D  | 2.78 mg/kg               | 2.85 mg/kg | 97.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Styrene                        | 100-42-5    | E611D  | 2.76 mg/kg               | 2.85 mg/kg | 97.1         | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D  | 2.73 mg/kg               | 2.85 mg/kg | 95.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D  | 3.05 mg/kg               | 2.85 mg/kg | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethylene            | 127-18-4    | E611D  | 3.00 mg/kg               | 2.85 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Toluene                        | 108-88-3    | E611D  | 3.17 mg/kg               | 2.85 mg/kg | 111          | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethane, 1,1,1-        | 71-55-6     | E611D  | 2.52 mg/kg               | 2.85 mg/kg | 88.7         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethane, 1,1,2-        | 79-00-5     | E611D  | 2.60 mg/kg               | 2.85 mg/kg | 91.2         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethylene              | 79-01-6     | E611D  | 3.00 mg/kg               | 2.85 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Trichlorofluoromethane         | 75-69-4     | E611D  | 2.65 mg/kg               | 2.85 mg/kg | 93.2         | 50.0                | 140  | ----      |
|                                                         |                                        | Vinyl chloride                 | 75-01-4     | E611D  | 3.18 mg/kg               | 2.85 mg/kg | 112          | 50.0                | 140  | ----      |
|                                                         |                                        | Xylene, m+p-                   | 179601-23-1 | E611D  | 5.99 mg/kg               | 5.7 mg/kg  | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Xylene, o-                     | 95-47-6     | E611D  | 2.87 mg/kg               | 2.85 mg/kg | 101          | 50.0                | 140  | ----      |
| Volatile Organic Compounds (QCLot: 2082072)             |                                        |                                |             |        |                          |            |              |                     |      |           |
| WT2517131-010                                           | S-12669624-250625-RB-BH<br>25-13-0'-2' | Acetone                        | 67-64-1     | E611D  | 3.92 mg/kg               | 3.05 mg/kg | 128          | 50.0                | 140  | ----      |
|                                                         |                                        | Benzene                        | 71-43-2     | E611D  | 3.30 mg/kg               | 3.05 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                        | Bromodichloromethane           | 75-27-4     | E611D  | 3.70 mg/kg               | 3.05 mg/kg | 121          | 50.0                | 140  | ----      |
|                                                         |                                        | Bromoform                      | 75-25-2     | E611D  | 3.33 mg/kg               | 3.05 mg/kg | 109          | 50.0                | 140  | ----      |
|                                                         |                                        | Bromomethane                   | 74-83-9     | E611D  | 2.90 mg/kg               | 3.05 mg/kg | 95.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Carbon tetrachloride           | 56-23-5     | E611D  | 3.10 mg/kg               | 3.05 mg/kg | 102          | 50.0                | 140  | ----      |
|                                                         |                                        | Chlorobenzene                  | 108-90-7    | E611D  | 3.25 mg/kg               | 3.05 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                        | Chloroform                     | 67-66-3     | E611D  | 3.54 mg/kg               | 3.05 mg/kg | 116          | 50.0                | 140  | ----      |
|                                                         |                                        | Dibromochloromethane           | 124-48-1    | E611D  | 3.74 mg/kg               | 3.05 mg/kg | 122          | 50.0                | 140  | ----      |
|                                                         |                                        | Dibromoethane, 1,2-            | 106-93-4    | E611D  | 3.44 mg/kg               | 3.05 mg/kg | 113          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorobenzene, 1,2-          | 95-50-1     | E611D  | 3.27 mg/kg               | 3.05 mg/kg | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorobenzene, 1,3-          | 541-73-1    | E611D  | 3.21 mg/kg               | 3.05 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorobenzene, 1,4-          | 106-46-7    | E611D  | 3.40 mg/kg               | 3.05 mg/kg | 111          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorodifluoromethane        | 75-71-8     | E611D  | 3.46 mg/kg               | 3.05 mg/kg | 113          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethane, 1,1-           | 75-34-3     | E611D  | 3.53 mg/kg               | 3.05 mg/kg | 116          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethane, 1,2-           | 107-06-2    | E611D  | 3.55 mg/kg               | 3.05 mg/kg | 116          | 50.0                | 140  | ----      |



| Sub-Matrix: Soil/Solid                                  |                                        |                                |            |            | Matrix Spike (MS) Report |            |              |                     |      |           |
|---------------------------------------------------------|----------------------------------------|--------------------------------|------------|------------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                                         |                                        |                                |            |            | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                    | Client sample ID                       | Analyte                        | CAS Number | Method     | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2082072) - continued |                                        |                                |            |            |                          |            |              |                     |      |           |
| WT2517131-010                                           | S-12669624-250625-RB-BH<br>25-13-0'-2' | Dichloroethylene, 1,1-         | 75-35-4    | E611D      | 3.22 mg/kg               | 3.05 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, cis-1,2-     | 156-59-2   | E611D      | 3.37 mg/kg               | 3.05 mg/kg | 110          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, trans-1,2-   | 156-60-5   | E611D      | 3.27 mg/kg               | 3.05 mg/kg | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloromethane                | 75-09-2    | E611D      | 3.60 mg/kg               | 3.05 mg/kg | 118          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropane, 1,2-          | 78-87-5    | E611D      | 3.37 mg/kg               | 3.05 mg/kg | 110          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropylene, cis-1,3-    | 10061-01-5 | E611D      | 3.01 mg/kg               | 3.05 mg/kg | 98.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropylene, trans-1,3-  | 10061-02-6 | E611D      | 2.94 mg/kg               | 3.05 mg/kg | 96.2         | 50.0                | 140  | ----      |
|                                                         |                                        | Ethylbenzene                   | 100-41-4   | E611D      | 2.90 mg/kg               | 3.05 mg/kg | 94.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Hexane, n-                     | 110-54-3   | E611D      | 3.44 mg/kg               | 3.05 mg/kg | 113          | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl ethyl ketone [MEK]      | 78-93-3    | E611D      | 3.16 mg/kg               | 3.05 mg/kg | 104          | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl isobutyl ketone [MIBK]  | 108-10-1   | E611D      | 2.77 mg/kg               | 3.05 mg/kg | 90.7         | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl-tert-butyl ether [MTBE] | 1634-04-4  | E611D      | 3.12 mg/kg               | 3.05 mg/kg | 102          | 50.0                | 140  | ----      |
|                                                         |                                        | Styrene                        | 100-42-5   | E611D      | 2.95 mg/kg               | 3.05 mg/kg | 96.8         | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethane, 1,1,1,2-    | 630-20-6   | E611D      | 3.24 mg/kg               | 3.05 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethane, 1,1,2,2-    | 79-34-5    | E611D      | 3.63 mg/kg               | 3.05 mg/kg | 119          | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethylene            | 127-18-4   | E611D      | 2.92 mg/kg               | 3.05 mg/kg | 95.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Toluene                        | 108-88-3   | E611D      | 3.00 mg/kg               | 3.05 mg/kg | 98.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethane, 1,1,1-        | 71-55-6    | E611D      | 2.99 mg/kg               | 3.05 mg/kg | 98.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethane, 1,1,2-        | 79-00-5    | E611D      | 3.45 mg/kg               | 3.05 mg/kg | 113          | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethylene              | 79-01-6    | E611D      | 3.35 mg/kg               | 3.05 mg/kg | 110          | 50.0                | 140  | ----      |
| Trichlorofluoromethane                                  | 75-69-4                                | E611D                          | 3.01 mg/kg | 3.05 mg/kg | 98.8                     | 50.0       | 140          | ----                |      |           |
| Vinyl chloride                                          | 75-01-4                                | E611D                          | 3.31 mg/kg | 3.05 mg/kg | 108                      | 50.0       | 140          | ----                |      |           |
| Xylene, m+p-                                            | 179601-23-1                            | E611D                          | 5.86 mg/kg | 6.1 mg/kg  | 96.0                     | 50.0       | 140          | ----                |      |           |
| Xylene, o-                                              | 95-47-6                                | E611D                          | 3.03 mg/kg | 3.05 mg/kg | 99.3                     | 50.0       | 140          | ----                |      |           |
| Volatile Organic Compounds (QCLot: 2082075)             |                                        |                                |            |            |                          |            |              |                     |      |           |
| WT2517055-004                                           | Anonymous                              | Acetone                        | 67-64-1    | E611D      | 2.58 mg/kg               | 2.25 mg/kg | 114          | 50.0                | 140  | ----      |
|                                                         |                                        | Benzene                        | 71-43-2    | E611D      | 2.41 mg/kg               | 2.25 mg/kg | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Bromodichloromethane           | 75-27-4    | E611D      | 2.45 mg/kg               | 2.25 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                        | Bromoform                      | 75-25-2    | E611D      | 2.18 mg/kg               | 2.25 mg/kg | 96.5         | 50.0                | 140  | ----      |
|                                                         |                                        | Bromomethane                   | 74-83-9    | E611D      | 1.93 mg/kg               | 2.25 mg/kg | 85.8         | 50.0                | 140  | ----      |
|                                                         |                                        | Carbon tetrachloride           | 56-23-5    | E611D      | 2.17 mg/kg               | 2.25 mg/kg | 96.1         | 50.0                | 140  | ----      |
|                                                         |                                        | Chlorobenzene                  | 108-90-7   | E611D      | 2.33 mg/kg               | 2.25 mg/kg | 103          | 50.0                | 140  | ----      |
|                                                         |                                        | Chloroform                     | 67-66-3    | E611D      | 2.36 mg/kg               | 2.25 mg/kg | 105          | 50.0                | 140  | ----      |
|                                                         |                                        | Dibromochloromethane           | 124-48-1   | E611D      | 2.14 mg/kg               | 2.25 mg/kg | 95.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Dibromoethane, 1,2-            | 106-93-4   | E611D      | 2.18 mg/kg               | 2.25 mg/kg | 96.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorobenzene, 1,2-          | 95-50-1    | E611D      | 2.38 mg/kg               | 2.25 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorobenzene, 1,3-          | 541-73-1   | E611D      | 2.42 mg/kg               | 2.25 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorobenzene, 1,4-          | 106-46-7   | E611D      | 2.42 mg/kg               | 2.25 mg/kg | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichlorodifluoromethane        | 75-71-8    | E611D      | 2.82 mg/kg               | 2.25 mg/kg | 125          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethane, 1,1-           | 75-34-3    | E611D      | 2.71 mg/kg               | 2.25 mg/kg | 120          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethane, 1,2-           | 107-06-2   | E611D      | 2.40 mg/kg               | 2.25 mg/kg | 106          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, 1,1-         | 75-35-4    | E611D      | 2.45 mg/kg               | 2.25 mg/kg | 109          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, cis-1,2-     | 156-59-2   | E611D      | 2.42 mg/kg               | 2.25 mg/kg | 108          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloroethylene, trans-1,2-   | 156-60-5   | E611D      | 2.40 mg/kg               | 2.25 mg/kg | 107          | 50.0                | 140  | ----      |



| Sub-Matrix: Soil/Solid                                  |                                        |                                |             |           | Matrix Spike (MS) Report |             |              |                     |      |           |
|---------------------------------------------------------|----------------------------------------|--------------------------------|-------------|-----------|--------------------------|-------------|--------------|---------------------|------|-----------|
|                                                         |                                        |                                |             |           | Spike                    |             | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                    | Client sample ID                       | Analyte                        | CAS Number  | Method    | Concentration            | Target      | MS           | Low                 | High | Qualifier |
| Volatile Organic Compounds (QCLot: 2082075) - continued |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2517055-004                                           | Anonymous                              | Dichloromethane                | 75-09-2     | E611D     | 2.33 mg/kg               | 2.25 mg/kg  | 103          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropane, 1,2-          | 78-87-5     | E611D     | 2.42 mg/kg               | 2.25 mg/kg  | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropylene, cis-1,3-    | 10061-01-5  | E611D     | 2.27 mg/kg               | 2.25 mg/kg  | 101          | 50.0                | 140  | ----      |
|                                                         |                                        | Dichloropropylene, trans-1,3-  | 10061-02-6  | E611D     | 2.28 mg/kg               | 2.25 mg/kg  | 101          | 50.0                | 140  | ----      |
|                                                         |                                        | Ethylbenzene                   | 100-41-4    | E611D     | 2.31 mg/kg               | 2.25 mg/kg  | 103          | 50.0                | 140  | ----      |
|                                                         |                                        | Hexane, n-                     | 110-54-3    | E611D     | 2.75 mg/kg               | 2.25 mg/kg  | 122          | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl ethyl ketone [MEK]      | 78-93-3     | E611D     | 2.04 mg/kg               | 2.25 mg/kg  | 90.5         | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl isobutyl ketone [MIBK]  | 108-10-1    | E611D     | 2.00 mg/kg               | 2.25 mg/kg  | 88.9         | 50.0                | 140  | ----      |
|                                                         |                                        | Methyl-tert-butyl ether [MTBE] | 1634-04-4   | E611D     | 2.33 mg/kg               | 2.25 mg/kg  | 103          | 50.0                | 140  | ----      |
|                                                         |                                        | Styrene                        | 100-42-5    | E611D     | 2.19 mg/kg               | 2.25 mg/kg  | 97.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethane, 1,1,1,2-    | 630-20-6    | E611D     | 2.14 mg/kg               | 2.25 mg/kg  | 94.8         | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethane, 1,1,2,2-    | 79-34-5     | E611D     | 2.31 mg/kg               | 2.25 mg/kg  | 103          | 50.0                | 140  | ----      |
|                                                         |                                        | Tetrachloroethylene            | 127-18-4    | E611D     | 2.15 mg/kg               | 2.25 mg/kg  | 95.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Toluene                        | 108-88-3    | E611D     | 2.35 mg/kg               | 2.25 mg/kg  | 104          | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethane, 1,1,1-        | 71-55-6     | E611D     | 2.23 mg/kg               | 2.25 mg/kg  | 99.0         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethane, 1,1,2-        | 79-00-5     | E611D     | 2.24 mg/kg               | 2.25 mg/kg  | 99.6         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichloroethylene              | 79-01-6     | E611D     | 2.22 mg/kg               | 2.25 mg/kg  | 98.5         | 50.0                | 140  | ----      |
|                                                         |                                        | Trichlorofluoromethane         | 75-69-4     | E611D     | 2.29 mg/kg               | 2.25 mg/kg  | 102          | 50.0                | 140  | ----      |
|                                                         |                                        | Vinyl chloride                 | 75-01-4     | E611D     | 2.42 mg/kg               | 2.25 mg/kg  | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Xylene, m+p-                   | 179601-23-1 | E611D     | 4.84 mg/kg               | 4.51 mg/kg  | 107          | 50.0                | 140  | ----      |
|                                                         |                                        | Xylene, o-                     | 95-47-6     | E611D     | 2.30 mg/kg               | 2.25 mg/kg  | 102          | 50.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2082046)                           |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2516800-007                                           | Anonymous                              | F1 (C6-C10)                    | ----        | E581.F1   | 49.5 mg/kg               | 57 mg/kg    | 86.9         | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2082051)                           |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2517131-002                                           | S-12669624-250625-RB-BH<br>25-16-0'-2' | F2 (C10-C16)                   | ----        | E601.SG-L | 503 mg/kg                | 533 mg/kg   | 94.2         | 60.0                | 140  | ----      |
|                                                         |                                        | F3 (C16-C34)                   | ----        | E601.SG-L | 1130 mg/kg               | 1100 mg/kg  | 102          | 60.0                | 140  | ----      |
|                                                         |                                        | F4 (C34-C50)                   | ----        | E601.SG-L | 591 mg/kg                | 595 mg/kg   | 99.4         | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2082073)                           |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2517131-010                                           | S-12669624-250625-RB-BH<br>25-13-0'-2' | F1 (C6-C10)                    | ----        | E581.F1   | 57.3 mg/kg               | 61 mg/kg    | 93.8         | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2082076)                           |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2517055-004                                           | Anonymous                              | F1 (C6-C10)                    | ----        | E581.F1   | 39.1 mg/kg               | 45.1 mg/kg  | 86.7         | 60.0                | 140  | ----      |
| Hydrocarbons (QCLot: 2082103)                           |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2517001-001                                           | Anonymous                              | F2 (C10-C16)                   | ----        | E601.SG-L | 510 mg/kg                | 531 mg/kg   | 96.0         | 60.0                | 140  | ----      |
|                                                         |                                        | F3 (C16-C34)                   | ----        | E601.SG-L | 1150 mg/kg               | 1090 mg/kg  | 105          | 60.0                | 140  | ----      |
|                                                         |                                        | F4 (C34-C50)                   | ----        | E601.SG-L | 613 mg/kg                | 592 mg/kg   | 104          | 60.0                | 140  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2082050)       |                                        |                                |             |           |                          |             |              |                     |      |           |
| WT2517131-002                                           | S-12669624-250625-RB-BH<br>25-16-0'-2' | Acenaphthene                   | 83-32-9     | E641A     | 0.372 mg/kg              | 0.399 mg/kg | 93.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Acenaphthylene                 | 208-96-8    | E641A     | 0.368 mg/kg              | 0.399 mg/kg | 92.4         | 50.0                | 140  | ----      |
|                                                         |                                        | Anthracene                     | 120-12-7    | E641A     | 0.348 mg/kg              | 0.399 mg/kg | 87.3         | 50.0                | 140  | ----      |
|                                                         |                                        | Benz(a)anthracene              | 56-55-3     | E641A     | 0.335 mg/kg              | 0.399 mg/kg | 84.0         | 50.0                | 140  | ----      |



| Sub-Matrix: Soil/Solid                                        |                                        |                           |            |         | Matrix Spike (MS) Report |             |              |                     |      |           |
|---------------------------------------------------------------|----------------------------------------|---------------------------|------------|---------|--------------------------|-------------|--------------|---------------------|------|-----------|
|                                                               |                                        |                           |            |         | Spike                    |             | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                          | Client sample ID                       | Analyte                   | CAS Number | Method  | Concentration            | Target      | MS           | Low                 | High | Qualifier |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2082050) - continued |                                        |                           |            |         |                          |             |              |                     |      |           |
| WT2517131-002                                                 | S-12669624-250625-RB-BH<br>25-16-0'-2' | Benzo(a)pyrene            | 50-32-8    | E641A   | 0.360 mg/kg              | 0.399 mg/kg | 90.3         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(b+j)fluoranthene    | n/a        | E641A   | 0.369 mg/kg              | 0.399 mg/kg | 92.5         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(g,h,i)perylene      | 191-24-2   | E641A   | 0.372 mg/kg              | 0.399 mg/kg | 93.3         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(k)fluoranthene      | 207-08-9   | E641A   | 0.364 mg/kg              | 0.399 mg/kg | 91.2         | 50.0                | 140  | ----      |
|                                                               |                                        | Chrysene                  | 218-01-9   | E641A   | 0.368 mg/kg              | 0.399 mg/kg | 92.2         | 50.0                | 140  | ----      |
|                                                               |                                        | Dibenz(a,h)anthracene     | 53-70-3    | E641A   | 0.363 mg/kg              | 0.399 mg/kg | 91.0         | 50.0                | 140  | ----      |
|                                                               |                                        | Fluoranthene              | 206-44-0   | E641A   | 0.367 mg/kg              | 0.399 mg/kg | 92.0         | 50.0                | 140  | ----      |
|                                                               |                                        | Fluorene                  | 86-73-7    | E641A   | 0.367 mg/kg              | 0.399 mg/kg | 92.0         | 50.0                | 140  | ----      |
|                                                               |                                        | Indeno(1,2,3-c,d)pyrene   | 193-39-5   | E641A   | 0.365 mg/kg              | 0.399 mg/kg | 91.6         | 50.0                | 140  | ----      |
|                                                               |                                        | Methylnaphthalene, 1-     | 90-12-0    | E641A   | 0.365 mg/kg              | 0.399 mg/kg | 91.6         | 50.0                | 140  | ----      |
|                                                               |                                        | Methylnaphthalene, 2-     | 91-57-6    | E641A   | 0.387 mg/kg              | 0.399 mg/kg | 97.1         | 50.0                | 140  | ----      |
|                                                               |                                        | Naphthalene               | 91-20-3    | E641A   | 0.380 mg/kg              | 0.399 mg/kg | 95.3         | 50.0                | 140  | ----      |
|                                                               |                                        | Phenanthrene              | 85-01-8    | E641A   | 0.351 mg/kg              | 0.399 mg/kg | 88.0         | 50.0                | 140  | ----      |
|                                                               |                                        | Pyrene                    | 129-00-0   | E641A   | 0.362 mg/kg              | 0.399 mg/kg | 90.9         | 50.0                | 140  | ----      |
| Polycyclic Aromatic Hydrocarbons (QCLot: 2082102)             |                                        |                           |            |         |                          |             |              |                     |      |           |
| WT2517001-001                                                 | Anonymous                              | Acenaphthene              | 83-32-9    | E641A   | 0.342 mg/kg              | 0.397 mg/kg | 86.3         | 50.0                | 140  | ----      |
|                                                               |                                        | Acenaphthylene            | 208-96-8   | E641A   | 0.351 mg/kg              | 0.397 mg/kg | 88.4         | 50.0                | 140  | ----      |
|                                                               |                                        | Anthracene                | 120-12-7   | E641A   | 0.372 mg/kg              | 0.397 mg/kg | 93.9         | 50.0                | 140  | ----      |
|                                                               |                                        | Benz(a)anthracene         | 56-55-3    | E641A   | 0.332 mg/kg              | 0.397 mg/kg | 83.6         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(a)pyrene            | 50-32-8    | E641A   | 0.374 mg/kg              | 0.397 mg/kg | 94.2         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(b+j)fluoranthene    | n/a        | E641A   | 0.361 mg/kg              | 0.397 mg/kg | 91.2         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(g,h,i)perylene      | 191-24-2   | E641A   | 0.332 mg/kg              | 0.397 mg/kg | 83.8         | 50.0                | 140  | ----      |
|                                                               |                                        | Benzo(k)fluoranthene      | 207-08-9   | E641A   | 0.360 mg/kg              | 0.397 mg/kg | 90.7         | 50.0                | 140  | ----      |
|                                                               |                                        | Chrysene                  | 218-01-9   | E641A   | 0.338 mg/kg              | 0.397 mg/kg | 85.3         | 50.0                | 140  | ----      |
|                                                               |                                        | Dibenz(a,h)anthracene     | 53-70-3    | E641A   | 0.337 mg/kg              | 0.397 mg/kg | 85.0         | 50.0                | 140  | ----      |
|                                                               |                                        | Fluoranthene              | 206-44-0   | E641A   | 0.348 mg/kg              | 0.397 mg/kg | 87.9         | 50.0                | 140  | ----      |
|                                                               |                                        | Fluorene                  | 86-73-7    | E641A   | 0.352 mg/kg              | 0.397 mg/kg | 88.8         | 50.0                | 140  | ----      |
|                                                               |                                        | Indeno(1,2,3-c,d)pyrene   | 193-39-5   | E641A   | 0.360 mg/kg              | 0.397 mg/kg | 90.8         | 50.0                | 140  | ----      |
|                                                               |                                        | Methylnaphthalene, 1-     | 90-12-0    | E641A   | 0.346 mg/kg              | 0.397 mg/kg | 87.4         | 50.0                | 140  | ----      |
|                                                               |                                        | Methylnaphthalene, 2-     | 91-57-6    | E641A   | 0.358 mg/kg              | 0.397 mg/kg | 90.2         | 50.0                | 140  | ----      |
|                                                               |                                        | Naphthalene               | 91-20-3    | E641A   | 0.337 mg/kg              | 0.397 mg/kg | 85.1         | 50.0                | 140  | ----      |
|                                                               |                                        | Phenanthrene              | 85-01-8    | E641A   | 0.334 mg/kg              | 0.397 mg/kg | 84.2         | 50.0                | 140  | ----      |
|                                                               |                                        | Pyrene                    | 129-00-0   | E641A   | 0.344 mg/kg              | 0.397 mg/kg | 86.9         | 50.0                | 140  | ----      |
| Organochlorine Pesticides (QCLot: 2093743)                    |                                        |                           |            |         |                          |             |              |                     |      |           |
| WT2517055-001                                                 | Anonymous                              | Aldrin                    | 309-00-2   | E660F-L | 0.00918 mg/kg            | 0.01 mg/kg  | 93.2         | 50.0                | 150  | ----      |
|                                                               |                                        | Chlordane, cis- (alpha)   | 5103-71-9  | E660F-L | 0.00778 mg/kg            | 0.01 mg/kg  | 79.1         | 50.0                | 150  | ----      |
|                                                               |                                        | Chlordane, trans- (gamma) | 5103-74-2  | E660F-L | 0.00822 mg/kg            | 0.01 mg/kg  | 83.5         | 50.0                | 150  | ----      |
|                                                               |                                        | DDD, 2,4'-                | 53-19-0    | E660F-L | 0.00985 mg/kg            | 0.01 mg/kg  | 100          | 50.0                | 150  | ----      |
|                                                               |                                        | DDD, 4,4'-                | 72-54-8    | E660F-L | 0.0104 mg/kg             | 0.01 mg/kg  | 105          | 50.0                | 150  | ----      |
|                                                               |                                        | DDE, 2,4'-                | 3424-82-6  | E660F-L | 0.00905 mg/kg            | 0.01 mg/kg  | 92.0         | 50.0                | 150  | ----      |
|                                                               |                                        | DDE, 4,4'-                | 72-55-9    | E660F-L | 0.00933 mg/kg            | 0.01 mg/kg  | 94.8         | 50.0                | 150  | ----      |
|                                                               |                                        | DDT, 2,4'-                | 789-02-6   | E660F-L | 0.00592 mg/kg            | 0.01 mg/kg  | 60.1         | 50.0                | 150  | ----      |
|                                                               |                                        | DDT, 4,4'-                | 50-29-3    | E660F-L | 0.00513 mg/kg            | 0.01 mg/kg  | 52.1         | 50.0                | 150  | ----      |
|                                                               |                                        |                           |            |         |                          |             |              |                     |      |           |



| Sub-Matrix: Soil/Solid                                 |                  |                               |            |         | Matrix Spike (MS) Report |            |              |                     |      |           |
|--------------------------------------------------------|------------------|-------------------------------|------------|---------|--------------------------|------------|--------------|---------------------|------|-----------|
|                                                        |                  |                               |            |         | Spike                    |            | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                                   | Client sample ID | Analyte                       | CAS Number | Method  | Concentration            | Target     | MS           | Low                 | High | Qualifier |
| Organochlorine Pesticides (QCLot: 2093743) - continued |                  |                               |            |         |                          |            |              |                     |      |           |
| WT2517055-001                                          | Anonymous        | Dieldrin                      | 60-57-1    | E660F-L | 0.00907 mg/kg            | 0.01 mg/kg | 92.2         | 50.0                | 150  | ----      |
|                                                        |                  | Endosulfan, alpha-            | 959-98-8   | E660F-L | 0.00755 mg/kg            | 0.01 mg/kg | 76.7         | 50.0                | 150  | ----      |
|                                                        |                  | Endosulfan, beta-             | 33213-65-9 | E660F-L | 0.00854 mg/kg            | 0.01 mg/kg | 86.7         | 50.0                | 150  | ----      |
|                                                        |                  | Endrin                        | 72-20-8    | E660F-L | 0.00992 mg/kg            | 0.01 mg/kg | 101          | 50.0                | 150  | ----      |
|                                                        |                  | Heptachlor                    | 76-44-8    | E660F-L | 0.00856 mg/kg            | 0.01 mg/kg | 86.9         | 50.0                | 150  | ----      |
|                                                        |                  | Heptachlor epoxide            | 1024-57-3  | E660F-L | 0.00882 mg/kg            | 0.01 mg/kg | 89.6         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachlorobenzene             | 118-74-1   | E660F-L | 0.00800 mg/kg            | 0.01 mg/kg | 81.3         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachlorobutadiene           | 87-68-3    | E660F-L | 0.00795 mg/kg            | 0.01 mg/kg | 80.8         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachlorocyclohexane, gamma- | 58-89-9    | E660F-L | 0.00909 mg/kg            | 0.01 mg/kg | 92.3         | 50.0                | 150  | ----      |
|                                                        |                  | Hexachloroethane              | 67-72-1    | E660F-L | 0.00829 mg/kg            | 0.01 mg/kg | 84.2         | 50.0                | 150  | ----      |
|                                                        |                  | Methoxychlor                  | 72-43-5    | E660F-L | 0.00538 mg/kg            | 0.01 mg/kg | 54.7         | 50.0                | 150  | ----      |





Reference Material (RM) Report

A Reference Material (RM) is a homogenous material with known and well-established analyte concentrations. RMs are processed in an identical manner to test samples, and are used to monitor and control the accuracy and precision of a test method for a typical sample matrix. RM results are expressed as percent recovery of the target analyte concentration. RM targets may be certified target concentrations provided by the RM supplier, or may be ALS long-term mean values (for empirical test methods).

Sub-Matrix:

| Sub-Matrix:                     |                       |                                     |            |        | Reference Material (RM) Report |                 |                     |      |           |
|---------------------------------|-----------------------|-------------------------------------|------------|--------|--------------------------------|-----------------|---------------------|------|-----------|
|                                 |                       |                                     |            |        | RM Target Concentration        | Recovery (%) RM | Recovery Limits (%) |      | Qualifier |
| Laboratory sample ID            | Reference Material ID | Analyte                             | CAS Number | Method |                                |                 | Low                 | High |           |
| Physical Tests (QCLot: 2082125) |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2082125-003                  | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 102             | 70.0                | 130  | ----      |
| Physical Tests (QCLot: 2082188) |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2082188-003                  | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 95.1            | 70.0                | 130  | ----      |
| Physical Tests (QCLot: 2084606) |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2084606-003                  | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 109             | 70.0                | 130  | ----      |
| Physical Tests (QCLot: 2086937) |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2086937-001                  | RM                    | Oxidation-reduction potential [ORP] | ----       | E125   | 475 mV                         | 98.3            | 90.0                | 110  | ----      |
| Physical Tests (QCLot: 2089316) |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2089316-003                  | RM                    | Conductivity (1:2 leachate)         | ----       | E100-L | 3130 µS/cm                     | 95.4            | 70.0                | 130  | ----      |
| Metals (QCLot: 2082124)         |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2082124-003                  | RM                    | Calcium, soluble ion content        | 7440-70-2  | E484   | 169 mg/L                       | 101             | 70.0                | 130  | ----      |
| QC-2082124-003                  | RM                    | Magnesium, soluble ion content      | 7439-95-4  | E484   | 60.4 mg/L                      | 102             | 70.0                | 130  | ----      |
| QC-2082124-003                  | RM                    | Sodium, soluble ion content         | 17341-25-2 | E484   | 107 mg/L                       | 102             | 70.0                | 130  | ----      |
| Metals (QCLot: 2082126)         |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2082126-003                  | RM                    | Boron, hot water soluble            | 7440-42-8  | E487   | 1.82 mg/kg                     | 96.8            | 60.0                | 140  | ----      |
| Metals (QCLot: 2082127)         |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2082127-003                  | RM                    | Mercury                             | 7439-97-6  | E510C  | 0.068 mg/kg                    | 98.7            | 70.0                | 130  | ----      |
| Metals (QCLot: 2082128)         |                       |                                     |            |        |                                |                 |                     |      |           |
| QC-2082128-003                  | RM                    | Antimony                            | 7440-36-0  | E440C  | 24.8 mg/kg                     | 92.6            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Arsenic                             | 7440-38-2  | E440C  | 21.2 mg/kg                     | 99.4            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Barium                              | 7440-39-3  | E440C  | 788 mg/kg                      | 101             | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Beryllium                           | 7440-41-7  | E440C  | 1.82 mg/kg                     | 101             | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Cadmium                             | 7440-43-9  | E440C  | 2.15 mg/kg                     | 104             | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Chromium                            | 7440-47-3  | E440C  | 56.9 mg/kg                     | 99.9            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Cobalt                              | 7440-48-4  | E440C  | 32 mg/kg                       | 98.7            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Copper                              | 7440-50-8  | E440C  | 969 mg/kg                      | 99.6            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Lead                                | 7439-92-1  | E440C  | 919 mg/kg                      | 91.6            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Molybdenum                          | 7439-98-7  | E440C  | 25.1 mg/kg                     | 95.6            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Nickel                              | 7440-02-0  | E440C  | 1000 mg/kg                     | 99.7            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Selenium                            | 7782-49-2  | E440C  | 1.04 mg/kg                     | 95.2            | 60.0                | 140  | ----      |
| QC-2082128-003                  | RM                    | Silver                              | 7440-22-4  | E440C  | 8.98 mg/kg                     | 93.6            | 70.0                | 130  | ----      |
| QC-2082128-003                  | RM                    | Thallium                            | 7440-28-0  | E440C  | 0.907 mg/kg                    | 92.1            | 70.0                | 130  | ----      |

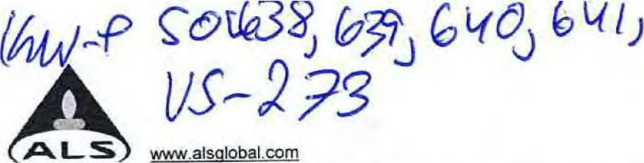


| Sub-Matrix:                         |                       |                                |            |        | Reference Material (RM) Report |                    |                     |      |           |
|-------------------------------------|-----------------------|--------------------------------|------------|--------|--------------------------------|--------------------|---------------------|------|-----------|
|                                     |                       |                                |            |        | RM Target<br>Concentration     | Recovery (%)<br>RM | Recovery Limits (%) |      | Qualifier |
|                                     |                       |                                |            |        |                                |                    | Low                 | High |           |
| Laboratory<br>sample ID             | Reference Material ID | Analyte                        | CAS Number | Method |                                |                    |                     |      |           |
| Metals (QCLot: 2082128) - continued |                       |                                |            |        |                                |                    |                     |      |           |
| QC-2082128-003                      | RM                    | Uranium                        | 7440-61-1  | E440C  | 3.97 mg/kg                     | 89.0               | 70.0                | 130  | ----      |
| QC-2082128-003                      | RM                    | Vanadium                       | 7440-62-2  | E440C  | 66.2 mg/kg                     | 101                | 70.0                | 130  | ----      |
| QC-2082128-003                      | RM                    | Zinc                           | 7440-66-6  | E440C  | 828 mg/kg                      | 98.2               | 70.0                | 130  | ----      |
| Metals (QCLot: 2082187)             |                       |                                |            |        |                                |                    |                     |      |           |
| QC-2082187-003                      | RM                    | Calcium, soluble ion content   | 7440-70-2  | E484   | 169 mg/L                       | 92.5               | 70.0                | 130  | ----      |
| QC-2082187-003                      | RM                    | Magnesium, soluble ion content | 7439-95-4  | E484   | 60.4 mg/L                      | 92.1               | 70.0                | 130  | ----      |
| QC-2082187-003                      | RM                    | Sodium, soluble ion content    | 17341-25-2 | E484   | 107 mg/L                       | 94.6               | 70.0                | 130  | ----      |
| Metals (QCLot: 2082189)             |                       |                                |            |        |                                |                    |                     |      |           |
| QC-2082189-003                      | RM                    | Boron, hot water soluble       | 7440-42-8  | E487   | 1.82 mg/kg                     | 102                | 60.0                | 140  | ----      |
| Metals (QCLot: 2082190)             |                       |                                |            |        |                                |                    |                     |      |           |
| QC-2082190-003                      | RM                    | Mercury                        | 7439-97-6  | E510C  | 0.068 mg/kg                    | 102                | 70.0                | 130  | ----      |
| Metals (QCLot: 2082191)             |                       |                                |            |        |                                |                    |                     |      |           |
| QC-2082191-003                      | RM                    | Antimony                       | 7440-36-0  | E440C  | 24.8 mg/kg                     | 94.0               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Arsenic                        | 7440-38-2  | E440C  | 21.2 mg/kg                     | 94.7               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Barium                         | 7440-39-3  | E440C  | 788 mg/kg                      | 92.0               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Beryllium                      | 7440-41-7  | E440C  | 1.82 mg/kg                     | 91.9               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Cadmium                        | 7440-43-9  | E440C  | 2.15 mg/kg                     | 96.4               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Chromium                       | 7440-47-3  | E440C  | 56.9 mg/kg                     | 92.8               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Cobalt                         | 7440-48-4  | E440C  | 32 mg/kg                       | 93.8               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Copper                         | 7440-50-8  | E440C  | 969 mg/kg                      | 93.7               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Lead                           | 7439-92-1  | E440C  | 919 mg/kg                      | 91.0               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Molybdenum                     | 7439-98-7  | E440C  | 25.1 mg/kg                     | 95.7               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Nickel                         | 7440-02-0  | E440C  | 1000 mg/kg                     | 94.7               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Selenium                       | 7782-49-2  | E440C  | 1.04 mg/kg                     | 97.2               | 60.0                | 140  | ----      |
| QC-2082191-003                      | RM                    | Silver                         | 7440-22-4  | E440C  | 8.98 mg/kg                     | 92.5               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Thallium                       | 7440-28-0  | E440C  | 0.907 mg/kg                    | 91.1               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Uranium                        | 7440-61-1  | E440C  | 3.97 mg/kg                     | 101                | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Vanadium                       | 7440-62-2  | E440C  | 66.2 mg/kg                     | 94.7               | 70.0                | 130  | ----      |
| QC-2082191-003                      | RM                    | Zinc                           | 7440-66-6  | E440C  | 828 mg/kg                      | 92.7               | 70.0                | 130  | ----      |
| Metals (QCLot: 2084604)             |                       |                                |            |        |                                |                    |                     |      |           |
| QC-2084604-003                      | RM                    | Antimony                       | 7440-36-0  | E440C  | 24.8 mg/kg                     | 91.2               | 70.0                | 130  | ----      |
| QC-2084604-003                      | RM                    | Arsenic                        | 7440-38-2  | E440C  | 21.2 mg/kg                     | 99.5               | 70.0                | 130  | ----      |
| QC-2084604-003                      | RM                    | Barium                         | 7440-39-3  | E440C  | 788 mg/kg                      | 109                | 70.0                | 130  | ----      |
| QC-2084604-003                      | RM                    | Beryllium                      | 7440-41-7  | E440C  | 1.82 mg/kg                     | 102                | 70.0                | 130  | ----      |
| QC-2084604-003                      | RM                    | Cadmium                        | 7440-43-9  | E440C  | 2.15 mg/kg                     | 101                | 70.0                | 130  | ----      |
| QC-2084604-003                      | RM                    | Chromium                       | 7440-47-3  | E440C  | 56.9 mg/kg                     | 102                | 70.0                | 130  | ----      |
| QC-2084604-003                      | RM                    | Cobalt                         | 7440-48-4  | E440C  | 32 mg/kg                       | 101                | 70.0                | 130  | ----      |



| Sub-Matrix:                                   |                       |                                |            |          | Reference Material (RM) Report |                    |                     |      |           |
|-----------------------------------------------|-----------------------|--------------------------------|------------|----------|--------------------------------|--------------------|---------------------|------|-----------|
|                                               |                       |                                |            |          | RM Target<br>Concentration     | Recovery (%)<br>RM | Recovery Limits (%) |      | Qualifier |
|                                               |                       |                                |            |          |                                |                    | Low                 | High |           |
| Laboratory<br>sample ID                       | Reference Material ID | Analyte                        | CAS Number | Method   |                                |                    |                     |      |           |
| Metals (QCLot: 2084604) - continued           |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2084604-003                                | RM                    | Copper                         | 7440-50-8  | E440C    | 969 mg/kg                      | 104                | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Lead                           | 7439-92-1  | E440C    | 919 mg/kg                      | 98.3               | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Molybdenum                     | 7439-98-7  | E440C    | 25.1 mg/kg                     | 101                | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Nickel                         | 7440-02-0  | E440C    | 1000 mg/kg                     | 106                | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Selenium                       | 7782-49-2  | E440C    | 1.04 mg/kg                     | 106                | 60.0                | 140  | ----      |
| QC-2084604-003                                | RM                    | Silver                         | 7440-22-4  | E440C    | 8.98 mg/kg                     | 96.1               | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Thallium                       | 7440-28-0  | E440C    | 0.907 mg/kg                    | 97.8               | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Uranium                        | 7440-61-1  | E440C    | 3.97 mg/kg                     | 111                | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Vanadium                       | 7440-62-2  | E440C    | 66.2 mg/kg                     | 100                | 70.0                | 130  | ----      |
| QC-2084604-003                                | RM                    | Zinc                           | 7440-66-6  | E440C    | 828 mg/kg                      | 99.7               | 70.0                | 130  | ----      |
| Metals (QCLot: 2084605)                       |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2084605-003                                | RM                    | Mercury                        | 7439-97-6  | E510C    | 0.068 mg/kg                    | 105                | 70.0                | 130  | ----      |
| Metals (QCLot: 2084607)                       |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2084607-003                                | RM                    | Calcium, soluble ion content   | 7440-70-2  | E484     | 169 mg/L                       | 101                | 70.0                | 130  | ----      |
| QC-2084607-003                                | RM                    | Magnesium, soluble ion content | 7439-95-4  | E484     | 60.4 mg/L                      | 104                | 70.0                | 130  | ----      |
| QC-2084607-003                                | RM                    | Sodium, soluble ion content    | 17341-25-2 | E484     | 107 mg/L                       | 113                | 70.0                | 130  | ----      |
| Metals (QCLot: 2084609)                       |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2084609-003                                | RM                    | Boron, hot water soluble       | 7440-42-8  | E487     | 1.82 mg/kg                     | 87.7               | 60.0                | 140  | ----      |
| Speciated Metals (QCLot: 2082052)             |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2082052-003                                | RM                    | Chromium, hexavalent [Cr VI]   | 18540-29-9 | E532     | 172 mg/kg                      | 89.5               | 70.0                | 130  | ----      |
| Speciated Metals (QCLot: 2082185)             |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2082185-003                                | RM                    | Chromium, hexavalent [Cr VI]   | 18540-29-9 | E532     | 172 mg/kg                      | 101                | 70.0                | 130  | ----      |
| Speciated Metals (QCLot: 2084608)             |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2084608-003                                | RM                    | Chromium, hexavalent [Cr VI]   | 18540-29-9 | E532     | 172 mg/kg                      | 96.2               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2089318) |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2089318-003                                | RM                    | Sulfate, soluble ion content   | 14808-79-8 | E236.SO4 | 647 mg/kg                      | 82.4               | 70.0                | 130  | ----      |
| Leachable Anions & Nutrients (QCLot: 2089319) |                       |                                |            |          |                                |                    |                     |      |           |
| QC-2089319-003                                | RM                    | Chloride, soluble ion content  | 16887-00-6 | E236.Cl  | 382 mg/kg                      | 85.7               | 70.0                | 130  | ----      |





## Chain of Custody (COC) / Analytical Request Form

COC Number: 20

Canada Toll Free: 1 800 668 9878

Page

Environmental Division  
Waterloo  
Work Order Reference  
WT2517131

Telephone: +1 519 886 6910

| Report To                                                                                                 |                                                                                                 | Reports / Recipients                                                                                                                                      |                 | Turnaround Time (TAT) Requested                                                                                                                                                                     |                              |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Contact and company name below will appear on the final report                                            |                                                                                                 | Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL) |                 | <input checked="" type="checkbox"/> Routine [R] if received by 3pm M-F - no surcharges apply                                                                                                        |                              |
| Company:                                                                                                  | GHD Ltd. (Acct GHDL100)                                                                         | Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A                            |                 | <input type="checkbox"/> 1 day [P4] if received by 3pm M-F - 20% rush surcharge minimum                                                                                                             |                              |
| Contact:                                                                                                  | Jennifer Balkwill                                                                               | <input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked                                                     |                 | <input type="checkbox"/> 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum                                                                                                             |                              |
| Phone:                                                                                                    | 519-884-0510                                                                                    | Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                                 |                 | <input type="checkbox"/> 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum                                                                                                             |                              |
| Company address below will appear on the final report                                                     |                                                                                                 | Email 1 or Fax Jennifer.Balkwill@ghd.com                                                                                                                  |                 | <input type="checkbox"/> 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum                                                                                                             |                              |
| Street:                                                                                                   | 455 Phillip St.                                                                                 | Email 2 See SSOW/PO                                                                                                                                       |                 | Same day [E2] if received by 10am M-S - 200% rush surcharge. Fees may apply to rush requests on weekends, statutory holidays and routine tests                                                      |                              |
| City/Province:                                                                                            | Waterloo, ON                                                                                    | Email 3                                                                                                                                                   |                 | Date and Time Required for all E&P TATs:                                                                                                                                                            |                              |
| Postal Code:                                                                                              | N2L 3X2                                                                                         | Invoice Recipients                                                                                                                                        |                 | For tests that can not be performed according to the TAT requested, you will be contacted.                                                                                                          |                              |
| Invoice To                                                                                                | Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO           | Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                         |                 | Analysis Request                                                                                                                                                                                    |                              |
|                                                                                                           | Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Email 1 or Fax accountspayableCDN@ghd.com                                                                                                                 |                 | Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below                                                                                                                          |                              |
| Company:                                                                                                  | GHD Ltd. (GHDL100)                                                                              | Email 2                                                                                                                                                   |                 | NUMBER OF CONTAINERS                                                                                                                                                                                |                              |
| Contact:                                                                                                  |                                                                                                 | Oil and Gas Required Fields (client use)                                                                                                                  |                 | O. Reg. 153/04 Metals and Inorganics                                                                                                                                                                |                              |
| Project Information                                                                                       |                                                                                                 | AFE/Cost Center:                                                                                                                                          |                 | OC Pesticides                                                                                                                                                                                       |                              |
| ALS Account # / Quote #:                                                                                  | WT2025GHDL1000081                                                                               | Major/Minor Code:                                                                                                                                         |                 | Corrosivity                                                                                                                                                                                         |                              |
| Job #:                                                                                                    | 12669624-120.120.10                                                                             | Requisitioner:                                                                                                                                            |                 | MeOH Trip blank (VOC)                                                                                                                                                                               |                              |
| PO / AFE:                                                                                                 |                                                                                                 | Location:                                                                                                                                                 |                 | VOC/FI-FY                                                                                                                                                                                           |                              |
| LSD:                                                                                                      |                                                                                                 | ALS Contact: Rick H                                                                                                                                       |                 | PAH'S                                                                                                                                                                                               |                              |
| ALS Lab Work Order # (lab use only):                                                                      |                                                                                                 | Sampler:                                                                                                                                                  |                 | SAMPLES ON HOLD                                                                                                                                                                                     |                              |
| ALS Sample # (lab use only)                                                                               | Sample Identification and/or Coordinates (This description will appear on the report)           | Date (dd-mm-yy)                                                                                                                                           | Time (hh:mm)    | Sample Type                                                                                                                                                                                         | EXTENDED STORAGE REQUIRED    |
|                                                                                                           | <del>5-12669624-25/06/25-RB</del> TRIP BLANK                                                    | June 25, 2025                                                                                                                                             | AM              | VIAL                                                                                                                                                                                                | SUSPECTED HAZARD (see notes) |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-16-0'-2'                                                            | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-16-2.5'-4.5'                                                        | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-16-7.5'-9.5'                                                        | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-DUP 5                                                                    | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-12-0'-2'                                                            | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-DUP 6                                                                    | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-12-2.5'-4.5'                                                        | June 25, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-12-7.5'-9.5'                                                        | June 25, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-13-0'-2'                                                            | June 25, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-13-2.5'-4.5'                                                        | June 25, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                              |
|                                                                                                           | 5-12669624-25/06/25-RB-BH25-13-7.5'-9.5'                                                        | June 25, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                |                              |
| Drinking Water (DW) Samples <sup>1</sup> (client use)                                                     |                                                                                                 | Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)                                                           |                 | SAMPLE RECEIPT DETAILS (lab use only)                                                                                                                                                               |                              |
| Are samples taken from a Regulated DW System?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |                                                                                                 |                                                                                                                                                           |                 | Cooling Method: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> ICE <input type="checkbox"/> ICE PACKS <input type="checkbox"/> FROZEN <input type="checkbox"/> COOLING INITIATED |                              |
| Are samples for human consumption/ use?<br><input type="checkbox"/> YES <input type="checkbox"/> NO       |                                                                                                 |                                                                                                                                                           |                 | Submission Comments identified on Sample Receipt Notification: <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                             |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | Cooler Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A Sample Custody Seals Intact: <input type="checkbox"/> YES <input type="checkbox"/> N/A            |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | INITIAL COOLER TEMPERATURES °C: 8.9, 5.7, 6.4, 3.8, 7.1                                                                                                                                             |                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | FINAL COOLER TEMPERATURES °C: 3.8                                                                                                                                                                   |                              |
| SHIPMENT RELEASE (client use)                                                                             |                                                                                                 | INITIAL SHIPMENT RECEPTION (lab use only)                                                                                                                 |                 | FINAL SHIPMENT RECEPTION (lab use only)                                                                                                                                                             |                              |
| Released by: Sameer B. [Signature]                                                                        | Date: June 27, 2025                                                                             | Time: 1:30                                                                                                                                                | Received by: AM | Date: 06/27/25                                                                                                                                                                                      | Time: 13:35                  |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 | Received by: [Signature]                                                                                                                                                                            | Date: June 27                |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                     | Time: 17:45                  |

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

AUG 2020 FRONT





## COC Number: 20 -

Canada Toll Free: 1 800 668 9878

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|                                                                                                 |  |                                                                                                                                                           |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
|-------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------|--|-----------------------------|--|-----------------------------------------------------------------------------------|--|------------------------|--|----------------------------------|--|-------------------------------------|--|
| <b>Report To</b><br>Contact and company name below will appear on the final report              |  | <b>Reports / Recipients</b>                                                                                                                               |  | <b>Turnaround Time (TAT) Requested</b>                                                                                                                                                 |  | <b>AFFIX ALS BARCODE LABEL HERE<br/>(ALS use only)</b> |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Company: GHD Ltd. (Acct GHDL100)                                                                |  | Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL) |  | Routine [R] if received by 3pm M-F - no surcharges apply                                                                                                                               |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Contact: Jennifer Balkwill                                                                      |  | Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A                            |  | <input type="checkbox"/> 1 day [P4] if received by 3pm M-F - 20% rush surcharge minimum                                                                                                |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Phone: 519-884-0510                                                                             |  | <input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked                                                     |  | <input type="checkbox"/> 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum                                                                                                |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Company address below will appear on the final report                                           |  | Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                                 |  | <input type="checkbox"/> 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum                                                                                                |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Street: 455 Phillip St.                                                                         |  | Email 1 or Fax: Jennifer.Balkwill@ghd.com                                                                                                                 |  | <input type="checkbox"/> 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum                                                                                                |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| City/Province: Waterloo, ON                                                                     |  | Email 2: See SSOW/PO                                                                                                                                      |  | <input type="checkbox"/> Same day [E2] if received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Postal Code: N2L 3X2                                                                            |  | Email 3:                                                                                                                                                  |  | <b>Date and Time Required for all E&amp;P TATs:</b>                                                                                                                                    |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| <b>Invoice To</b>                                                                               |  | <b>Invoice Recipients</b>                                                                                                                                 |  | For tests that can not be performed according to the TAT requested, you will be contacted.                                                                                             |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO           |  | Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                         |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |  | Email 1 or Fax: accountspayableCDN@ghd.com                                                                                                                |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Company: GHD Ltd. (GHDL100)                                                                     |  | Email 2:                                                                                                                                                  |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Contact:                                                                                        |  | Email 3:                                                                                                                                                  |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| <b>Project Information</b>                                                                      |  | <b>Oil and Gas Required Fields (client use)</b>                                                                                                           |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| ALS Account # / Quote #: WT2025GHDL1000081                                                      |  | AFE/Cost Center:                                                                                                                                          |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| Job #: 12669624-120.120.10                                                                      |  | Major/Minor Code:                                                                                                                                         |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| PO / AFE:                                                                                       |  | Routing Code:                                                                                                                                             |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| LSD:                                                                                            |  | Requisitioner:                                                                                                                                            |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
|                                                                                                 |  | Location:                                                                                                                                                 |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| <b>ALS Lab Work Order # (lab use only):</b>                                                     |  | ALS Contact: Rick H                                                                                                                                       |  | Sampler:                                                                                                                                                                               |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
| <b>ALS Sample # (lab use only)</b>                                                              |  | <b>Sample Identification and/or Coordinates (This description will appear on the report)</b>                                                              |  | <b>Date (dd-mm-yy)</b>                                                                                                                                                                 |  | <b>Time (hh:mm)</b>                                    |  | <b>Sample Type</b> |  | <b>NUMBER OF CONTAINERS</b> |  | <b>Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below</b> |  | <b>SAMPLES ON HOLD</b> |  | <b>EXTENDED STORAGE REQUIRED</b> |  | <b>SUSPECTED HAZARD (see notes)</b> |  |
|                                                                                                 |  |                                                                                                                                                           |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-DUP 7                                                                                                                              |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 6                           |  | X X                                                                               |  | X X                    |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 6                           |  | X X                                                                               |  | X X                    |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 6                           |  | X X                                                                               |  | X X                    |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-12669624-25/06/25-RB-BH25-01-10-0-2'                                                                                                                    |  | June 25, 2025                                                                                                                                                                          |  | PM                                                     |  | Soil               |  | 5                           |  | X                                                                                 |  | X                      |  |                                  |  |                                     |  |
|                                                                                                 |  | S-                                                                                                                                                        |  |                                                                                                                                                                                        |  |                                                        |  |                    |  |                             |  |                                                                                   |  |                        |  |                                  |  |                                     |  |

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY      YELLOW - CLIENT COPY

AUG 2020 EDITION

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

 $6.9^{\circ}\text{C}$



## Chain of Custody (COC) / Analytical Request Form

COC Number: 20 -

Page 3 of 3

Canada Toll Free: 1 800 668 9878



www.alsglobal.com

AFFIX ALS BARCODE LABEL HERE  
(ALS use only)

| Report To                                                                                                 |                                                                                                 | Reports / Recipients                                                                                                                                      |                 | Turnaround Time (TAT) Requested                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     | AFFIX ALS BARCODE LABEL HERE<br>(ALS use only) |                                                                              |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------|
| Contact and company name below will appear on the final report                                            |                                                                                                 | Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL) |                 | <input checked="" type="checkbox"/> Routine [R] if received by 3pm M-F - no surcharges apply<br><input type="checkbox"/> 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimum<br><input type="checkbox"/> 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum<br><input type="checkbox"/> 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum<br><input type="checkbox"/> 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum<br><input type="checkbox"/> Same day [E2] if received by 10am M-S - 200% rush surcharge. Additional fees may apply to rush requests on weekends, statutory holidays and non-routine tests |                                                                                                                                                                                                     |                                                |                                                                              |
| Company:                                                                                                  | GHD Ltd. (Acct GHDL100)                                                                         | Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Contact:                                                                                                  | Jennifer Balkwill                                                                               | <input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked                                                     |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Phone:                                                                                                    | 519-884-0510                                                                                    | Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Company address below will appear on the final report                                                     |                                                                                                 | Email 1 or Fax Jennifer.Balkwill@ghd.com                                                                                                                  |                 | Date and Time Required for all E&P TATs:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                     | dd-mmm-yy hh:mm am/pm                          |                                                                              |
| Street:                                                                                                   | 455 Phillip St.                                                                                 | Email 2 See SSOW/PO                                                                                                                                       |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| City/Province:                                                                                            | Waterloo, ON                                                                                    | Email 3                                                                                                                                                   |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Postal Code:                                                                                              | N2L 3X2                                                                                         |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Invoice To                                                                                                | Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO           | Invoice Recipients                                                                                                                                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
|                                                                                                           | Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                         |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Company:                                                                                                  | GHD Ltd. (GHDL100)                                                                              | Email 1 or Fax accountspayableCDN@ghd.com                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Contact:                                                                                                  |                                                                                                 | Email 2                                                                                                                                                   |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| Project Information                                                                                       |                                                                                                 | Oil and Gas Required Fields (client use)                                                                                                                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| ALS Account # / Quote #:                                                                                  | WT2025GHDL1000081                                                                               | AFE/Cost Center:                                                                                                                                          |                 | PO#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                     |                                                |                                                                              |
| Job #:                                                                                                    | 12669624-120.120.10                                                                             | Major/Minor Code:                                                                                                                                         |                 | Routing Code:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                     |                                                |                                                                              |
| PO / AFE:                                                                                                 |                                                                                                 | Requisitioner:                                                                                                                                            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| LSD:                                                                                                      |                                                                                                 | Location:                                                                                                                                                 |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                |                                                                              |
| ALS Lab Work Order # (lab use only):                                                                      |                                                                                                 | ALS Contact: Rick H                                                                                                                                       |                 | Sampler:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                     |                                                |                                                                              |
| ALS Sample #<br>(lab use only)                                                                            | Sample Identification and/or Coordinates<br>(This description will appear on the report)        | Date<br>(dd-mmm-yy)                                                                                                                                       | Time<br>(hh:mm) | Sample Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NUMBER OF CONTAINERS                                                                                                                                                                                |                                                | SAMPLES ON HOLD<br>EXTENDED STORAGE REQUIRED<br>SUSPECTED HAZARD (see notes) |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below                                                                                                                          |                                                |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-04-0'-2'                                                            | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-04-2.5'-4.5'                                                        | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-04-5'-7'                                                            | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-09-0'-2'                                                            | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-09-2.5'-4.5'                                                        | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-09-5'-7'                                                            | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-DUP 8                                                                    | JUNE 26, 2025                                                                                                                                             | PM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-02-0'-2'                                                            | JUNE 27, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-02-2.5'-4.5'                                                        | JUNE 27, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
|                                                                                                           | S-12669624-26/06/25-RB-BH25-02-7.5'-9.5'                                                        | JUNE 27, 2025                                                                                                                                             | AM              | Soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                                                                                                                                                                                                   | X X                                            |                                                                              |
| Drinking Water (DW) Samples <sup>1</sup> (client use)                                                     |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SAMPLE RECEIPT DETAILS (lab use only)                                                                                                                                                               |                                                |                                                                              |
| Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cooling Method: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> ICE <input type="checkbox"/> ICE PACKS <input type="checkbox"/> FROZEN <input type="checkbox"/> COOLING INITIATED |                                                |                                                                              |
| Are samples taken from a Regulated DW System?<br><input type="checkbox"/> YES <input type="checkbox"/> NO |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Submission Comments identified on Sample Receipt Notification: <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                             |                                                |                                                                              |
| Are samples for human consumption/ use?<br><input type="checkbox"/> YES <input type="checkbox"/> NO       |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cooler Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A Sample Custody Seals Intact: <input type="checkbox"/> YES <input type="checkbox"/> N/A            |                                                |                                                                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | INITIAL COOLER TEMPERATURES °C: 8.9, 5.7, 6.4, 3.8, 7.1                                                                                                                                             |                                                |                                                                              |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FINAL COOLER TEMPERATURES °C: 3.8                                                                                                                                                                   |                                                |                                                                              |
| SHIPMENT RELEASE (client use)                                                                             |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FINAL SHIPMENT RECEPTION (lab use only)                                                                                                                                                             |                                                |                                                                              |
| Released by: Sameer B. Grewal                                                                             |                                                                                                 | Date: JUNE 27, 2025                                                                                                                                       | Time: 1:30      | Received by: AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Date: 06/27/25                                                                                                                                                                                      | Time: 13:35                                    | Received by: [Signature]                                                     |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                | Date: JUNE 27                                                                |
|                                                                                                           |                                                                                                 |                                                                                                                                                           |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |                                                | Time: 17:45                                                                  |

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

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CERTIFICATE OF ANALYSIS

|                         |                                                    |                       |                                                           |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------|
| Work Order              | : WT2517899                                        | Page                  | : 1 of 5                                                  |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                            |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                          |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo ON Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                         |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 07-Jul-2025 13:39                                       |
| PO                      | : 735-014194-1                                     | Date Analysis         | : 08-Jul-2025                                             |
|                         |                                                    | Commenced             |                                                           |
|                         |                                                    | Issue Date            | : 14-Jul-2025 08:29                                       |
| C-O-C number            | : ----                                             |                       |                                                           |
| Sampler                 | : ----                                             |                       |                                                           |
| Site                    | : ----                                             |                       |                                                           |
| Quote number            | : 12669624-ExC-01-ALS-June<br>2025-PO-735-014194-1 |                       |                                                           |
| No. of samples received | : 3                                                |                       |                                                           |
| No. of samples analysed | : 3                                                |                       |                                                           |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| Signatories     | Position               | Laboratory Department         |
|-----------------|------------------------|-------------------------------|
| David Tremblett | VOC Section Supervisor | VOC, Waterloo, Ontario        |
| Robert Braun    | Soils Team Supervisor  | Inorganics, Waterloo, Ontario |
| Walt Kippenhuck | Supervisor - Inorganic | Metals, Waterloo, Ontario     |



## General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances  
LOR: Limit of Reporting (detection limit).  
Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.  
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

| Unit     | Description          |
|----------|----------------------|
| -        | no units             |
| µg/L     | micrograms per litre |
| pH units | pH units             |

>: greater than.

<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.



## Analytical Results

WT2517899-001

Sub-Matrix: Soil/Solid

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-0'-2' - WT2516796-007

Client sampling date / time: 24-Jun-2025 12:00

| Analyte                                  | CAS Number | Result   | LOR   | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|------------------------------------------|------------|----------|-------|----------|------------|-------------|---------------|---------|
| ON mSPLP Metal (target pH= 5)            |            |          |       |          |            |             |               |         |
| Molybdenum, mSPLP                        | 7439-98-7  | 0.74     | 0.50  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| pH, mSPLP final                          | n/a        | 8.15     | 0.010 | pH units | EPP443/WT  | -           | 08-Jul-2025   | -       |
| pH, mSPLP initial                        | n/a        | 8.32     | 0.010 | pH units | EPP443/WT  | -           | 08-Jul-2025   | -       |
| Silver, mSPLP                            | 7440-22-4  | <0.25    | 0.25  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| Thallium, mSPLP                          | 7440-28-0  | <0.50    | 0.50  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| mSPLP VOCs Surrogates                    |            |          |       |          |            |             |               |         |
| Bromofluorobenzene, 4-, mSPLP            | 460-00-4   | 94.0     | 1.0   | %        | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Difluorobenzene, 1,4-, mSPLP             | 540-36-3   | 99.7     | 1.0   | %        | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| ON mSPLP VOC (reagent water)             |            |          |       |          |            |             |               |         |
| Dichloroethane, 1,2-, mSPLP              | 107-06-2   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, 1,1-, mSPLP            | 75-35-4    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, cis-1,2-, mSPLP        | 156-59-2   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, trans-1,2-, mSPLP      | 156-60-5   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropane, 1,2-, mSPLP             | 78-87-5    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, cis+trans-1,3-, mSPLP | 542-75-6   | <0.30    | 0.3   | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, cis-1,3-, mSPLP       | 10061-01-5 | <0.20    | 0.20  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, trans-1,3-, mSPLP     | 10061-02-6 | <0.20    | 0.20  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Extraction fluid                         | ----       | fluid #3 | -     | -        | EPP584/WT  | -           | 08-Jul-2025   | -       |
| Tetrachloroethane, 1,1,1,2-, mSPLP       | 630-20-6   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Tetrachloroethane, 1,1,2,2-, mSPLP       | 630-20-6   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Tetrachloroethylene, mSPLP               | 127-18-4   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Trichloroethane, 1,1,2-, mSPLP           | 79-00-5    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Trichloroethylene, mSPLP                 | 79-01-6    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517899-002

Sub-Matrix: Soil/Solid

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' - WT2516796-008

Client sampling date / time: 24-Jun-2025 12:00

| Analyte                           | CAS Number | Result | LOR   | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|-----------------------------------|------------|--------|-------|----------|------------|-------------|---------------|---------|
| ON mSPLP Metal (target pH= 5)     |            |        |       |          |            |             |               |         |
| Molybdenum, mSPLP                 | 7439-98-7  | 1.44   | 0.50  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| pH, mSPLP final                   | n/a        | 9.19   | 0.010 | pH units | EPP443/WT  | -           | 08-Jul-2025   | -       |
| pH, mSPLP initial                 | n/a        | 9.32   | 0.010 | pH units | EPP443/WT  | -           | 08-Jul-2025   | -       |
| Silver, mSPLP                     | 7440-22-4  | <0.25  | 0.25  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| Thallium, mSPLP                   | 7440-28-0  | <0.50  | 0.50  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| mSPLP VOCs Surrogates             |            |        |       |          |            |             |               |         |
| Bromofluorobenzene, 4-, mSPLP     | 460-00-4   | 93.9   | 1.0   | %        | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Difluorobenzene, 1,4-, mSPLP      | 540-36-3   | 99.6   | 1.0   | %        | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| ON mSPLP VOC (reagent water)      |            |        |       |          |            |             |               |         |
| Dichloroethane, 1,2-, mSPLP       | 107-06-2   | <0.50  | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, 1,1-, mSPLP     | 75-35-4    | <0.50  | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, cis-1,2-, mSPLP | 156-59-2   | <0.50  | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |



## Analytical Results

WT2517899-002

Sub-Matrix: Soil/Solid

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' - WT2516796-008

Client sampling date / time: 24-Jun-2025 12:00

| Analyte                                  | CAS Number | Result   | LOR  | Unit | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|------------------------------------------|------------|----------|------|------|------------|-------------|---------------|---------|
| ON mSPLP VOC (reagent water)             |            |          |      |      |            |             |               |         |
| Dichloroethylene, trans-1,2-, mSPLP      | 156-60-5   | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropane, 1,2-, mSPLP             | 78-87-5    | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, cis+trans-1,3-, mSPLP | 542-75-6   | <0.30    | 0.3  | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, cis-1,3-, mSPLP       | 10061-01-5 | <0.20    | 0.20 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, trans-1,3-, mSPLP     | 10061-02-6 | <0.20    | 0.20 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Extraction fluid                         | ----       | fluid #3 | -    | -    | EPP584/WT  | -           | 08-Jul-2025   | -       |
| Tetrachloroethane, 1,1,1,2-, mSPLP       | 630-20-6   | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Tetrachloroethane, 1,1,2,2-, mSPLP       | 630-20-6   | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Tetrachloroethylene, mSPLP               | 127-18-4   | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Trichloroethane, 1,1,2-, mSPLP           | 79-00-5    | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Trichloroethylene, mSPLP                 | 79-01-6    | <0.50    | 0.50 | µg/L | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.

## Analytical Results

WT2517899-003

Sub-Matrix: Soil/Solid

(Matrix: Soil/Solid)

Client sample ID: S-12669624-24/06/25-RB-BH25-17-5'-7' - WT2516796-009

Client sampling date / time: 24-Jun-2025 12:00

| Analyte                                  | CAS Number | Result   | LOR   | Unit     | Method/Lab | Prep Date   | Analysis Date | QCLot   |
|------------------------------------------|------------|----------|-------|----------|------------|-------------|---------------|---------|
| ON mSPLP Metal (target pH= 5)            |            |          |       |          |            |             |               |         |
| Molybdenum, mSPLP                        | 7439-98-7  | 1.55     | 0.50  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| pH, mSPLP final                          | n/a        | 9.39     | 0.010 | pH units | EPP443/WT  | -           | 08-Jul-2025   | -       |
| pH, mSPLP initial                        | n/a        | 9.62     | 0.010 | pH units | EPP443/WT  | -           | 08-Jul-2025   | -       |
| Silver, mSPLP                            | 7440-22-4  | <0.25    | 0.25  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| Thallium, mSPLP                          | 7440-28-0  | <0.50    | 0.50  | µg/L     | E443/WT    | 09-Jul-2025 | 09-Jul-2025   | 2096867 |
| mSPLP VOCs Surrogates                    |            |          |       |          |            |             |               |         |
| Bromofluorobenzene, 4-, mSPLP            | 460-00-4   | 93.8     | 1.0   | %        | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Diffuorobenzene, 1,4-, mSPLP             | 540-36-3   | 99.2     | 1.0   | %        | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| ON mSPLP VOC (reagent water)             |            |          |       |          |            |             |               |         |
| Dichloroethane, 1,2-, mSPLP              | 107-06-2   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, 1,1-, mSPLP            | 75-35-4    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, cis-1,2-, mSPLP        | 156-59-2   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloroethylene, trans-1,2-, mSPLP      | 156-60-5   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropane, 1,2-, mSPLP             | 78-87-5    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, cis+trans-1,3-, mSPLP | 542-75-6   | <0.30    | 0.3   | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, cis-1,3-, mSPLP       | 10061-01-5 | <0.20    | 0.20  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Dichloropropylene, trans-1,3-, mSPLP     | 10061-02-6 | <0.20    | 0.20  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Extraction fluid                         | ----       | fluid #3 | -     | -        | EPP584/WT  | -           | 08-Jul-2025   | -       |
| Tetrachloroethane, 1,1,1,2-, mSPLP       | 630-20-6   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Tetrachloroethane, 1,1,2,2-, mSPLP       | 630-20-6   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Tetrachloroethylene, mSPLP               | 127-18-4   | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |
| Trichloroethylene, mSPLP                 | 79-01-6    | <0.50    | 0.50  | µg/L     | E619D/WT   | 09-Jul-2025 | 09-Jul-2025   | 2096902 |

Please refer to the General Comments section for an explanation of any result qualifiers detected.



## QUALITY CONTROL INTERPRETIVE REPORT

|                         |                                                    |                       |                                                                 |
|-------------------------|----------------------------------------------------|-----------------------|-----------------------------------------------------------------|
| Work Order              | : WT2517899                                        | Page                  | : 1 of 6                                                        |
| Client                  | : GHD Limited                                      | Laboratory            | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager       | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address               | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone             | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received | : 07-Jul-2025 13:39                                             |
| PO                      | : 735-014194-1                                     | Issue Date            | : 14-Jul-2025 08:30                                             |
| C-O-C number            | : ----                                             |                       |                                                                 |
| Sampler                 | : ----                                             |                       |                                                                 |
| Site                    | : ----                                             |                       |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                       |                                                                 |
| No. of samples received | : 3                                                |                       |                                                                 |
| No. of samples analysed | : 3                                                |                       |                                                                 |

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

### Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO: Data Quality Objective.

LOR: Limit of Reporting (detection limit).

RPD: Relative Percent Difference.

### Workorder Comments

Holding times are displayed as "----" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

### Summary of Outliers

#### Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

#### Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.



### ***Outliers : Analysis Holding Time Compliance (Breaches)***

- No Analysis Holding Time Outliers exist.

### ***Outliers : Frequency of Quality Control Samples***

- No Quality Control Sample Frequency Outliers occur.



## Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Soil/Solid**

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method                                                                                       | Method | Sampling Date | Extraction / Preparation |               |         |      | Analysis      |               |         |      |
|-------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|---------|------|---------------|---------------|---------|------|
|                                                                                                                         |        |               | Preparation Date         | Holding Times |         | Eval | Analysis Date | Holding Times |         | Eval |
|                                                                                                                         |        |               |                          | Rec           | Actual  |      |               | Rec           | Actual  |      |
| mSPLP VOCs : VOCs by Headspace GC-MS (ON mSPLP)                                                                         |        |               |                          |               |         |      |               |               |         |      |
| Glass vial (sodium bisulfate)<br>S-12669624-24/06/25-RB-BH25-17-0'-2' - WT2516796-007                                   | E619D  | 08-Jul-2025   | 09-Jul-2025              | 28 days       | 15 days | ✓    | 09-Jul-2025   | 28 days       | 15 days | ✓    |
| mSPLP VOCs : VOCs by Headspace GC-MS (ON mSPLP)                                                                         |        |               |                          |               |         |      |               |               |         |      |
| Glass vial (sodium bisulfate)<br>S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' - WT2516796-008                               | E619D  | 08-Jul-2025   | 09-Jul-2025              | 28 days       | 15 days | ✓    | 09-Jul-2025   | 28 days       | 15 days | ✓    |
| mSPLP VOCs : VOCs by Headspace GC-MS (ON mSPLP)                                                                         |        |               |                          |               |         |      |               |               |         |      |
| Glass vial (sodium bisulfate)<br>S-12669624-24/06/25-RB-BH25-17-5'-7' - WT2516796-009                                   | E619D  | 08-Jul-2025   | 09-Jul-2025              | 28 days       | 15 days | ✓    | 09-Jul-2025   | 28 days       | 15 days | ✓    |
| ON mSPLP Metal (target pH= 5) : Metals by CRC ICPMS (mSPLP)                                                             |        |               |                          |               |         |      |               |               |         |      |
| HDPE total (nitric acid)<br>S-12669624-24/06/25-RB-BH25-17-0'-2' - WT2516796-007                                        | E443   | 08-Jul-2025   | 09-Jul-2025              | 194 days      | 15 days | ✓    | 09-Jul-2025   | 194 days      | 15 days | ✓    |
| ON mSPLP Metal (target pH= 5) : Metals by CRC ICPMS (mSPLP)                                                             |        |               |                          |               |         |      |               |               |         |      |
| HDPE total (nitric acid)<br>S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' - WT2516796-008                                    | E443   | 08-Jul-2025   | 09-Jul-2025              | 194 days      | 15 days | ✓    | 09-Jul-2025   | 194 days      | 15 days | ✓    |
| ON mSPLP Metal (target pH= 5) : Metals by CRC ICPMS (mSPLP)                                                             |        |               |                          |               |         |      |               |               |         |      |
| HDPE total (nitric acid)<br>S-12669624-24/06/25-RB-BH25-17-5'-7' - WT2516796-009                                        | E443   | 08-Jul-2025   | 09-Jul-2025              | 194 days      | 15 days | ✓    | 09-Jul-2025   | 194 days      | 15 days | ✓    |
| ON mSPLP Metal (target pH= 5) : mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs)                              |        |               |                          |               |         |      |               |               |         |      |
| Lab Split - Non-Volatile Leach: 180 Day HT (e.g. metals ex. Hg)<br>S-12669624-24/06/25-RB-BH25-17-0'-2' - WT2516796-007 | EPP443 | 24-Jun-2025   | 08-Jul-2025              | ----          | ----    |      | ----          | 180 days      | 14 days | ✓    |



Matrix: Soil/Solid

Evaluation: ✖ = Holding time exceedance ; ✔ = Within Holding Time

| Analyte Group : Analytical Method<br>Container / Client Sample ID(s)                                                        | Method | Sampling Date | Extraction / Preparation |               |        |      | Analysis      |               |         |      |
|-----------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------------------------|---------------|--------|------|---------------|---------------|---------|------|
|                                                                                                                             |        |               | Preparation Date         | Holding Times |        | Eval | Analysis Date | Holding Times |         | Eval |
|                                                                                                                             |        |               |                          | Rec           | Actual |      |               | Rec           | Actual  |      |
| ON mSPLP Metal (target pH= 5) : mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs)                                  |        |               |                          |               |        |      |               |               |         |      |
| Lab Split - Non-Volatile Leach: 180 Day HT (e.g. metals ex. Hg)<br>S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' - WT2516796-008 | EPP443 | 24-Jun-2025   | 08-Jul-2025              | ----          | ----   |      | ----          | 180 days      | 14 days | ✔    |
| ON mSPLP Metal (target pH= 5) : mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs)                                  |        |               |                          |               |        |      |               |               |         |      |
| Lab Split - Non-Volatile Leach: 180 Day HT (e.g. metals ex. Hg)<br>S-12669624-24/06/25-RB-BH25-17-5'-7' - WT2516796-009     | EPP443 | 24-Jun-2025   | 08-Jul-2025              | ----          | ----   |      | ----          | 180 days      | 14 days | ✔    |
| ON mSPLP VOC (reagent water) : mSPLP Leachate Preparation (VOCs and Cyanide)                                                |        |               |                          |               |        |      |               |               |         |      |
| Lab Split - ZHE Leach 14 day HT(eg. BTEX)<br>S-12669624-24/06/25-RB-BH25-17-0'-2' - WT2516796-007                           | EPP584 | 24-Jun-2025   | 08-Jul-2025              | ----          | ----   |      | ----          | 14 days       | 14 days | ✔    |
| ON mSPLP VOC (reagent water) : mSPLP Leachate Preparation (VOCs and Cyanide)                                                |        |               |                          |               |        |      |               |               |         |      |
| Lab Split - ZHE Leach 14 day HT(eg. BTEX)<br>S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' - WT2516796-008                       | EPP584 | 24-Jun-2025   | 08-Jul-2025              | ----          | ----   |      | ----          | 14 days       | 14 days | ✔    |
| ON mSPLP VOC (reagent water) : mSPLP Leachate Preparation (VOCs and Cyanide)                                                |        |               |                          |               |        |      |               |               |         |      |
| Lab Split - ZHE Leach 14 day HT(eg. BTEX)<br>S-12669624-24/06/25-RB-BH25-17-5'-7' - WT2516796-009                           | EPP584 | 24-Jun-2025   | 08-Jul-2025              | ----          | ----   |      | ----          | 14 days       | 14 days | ✔    |

Legend & Qualifier Definitions

Rec. HT: ALS recommended hold time (see units).



## Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Soil/Solid**

Evaluation: ✖ = QC frequency outside specification; ✔ = QC frequency within specification.

| Quality Control Sample Type        |        |          | Count |         | Frequency (%) |          |            |
|------------------------------------|--------|----------|-------|---------|---------------|----------|------------|
| Analytical Methods                 | Method | QC Lot # | QC    | Regular | Actual        | Expected | Evaluation |
| Laboratory Duplicates (DUP)        |        |          |       |         |               |          |            |
| Metals by CRC ICPMS (mSPLP)        | E443   | 2096867  | 1     | 11      | 9.0           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (ON mSPLP) | E619D  | 2096902  | 1     | 9       | 11.1          | 5.0      | ✓          |
| Laboratory Control Samples (LCS)   |        |          |       |         |               |          |            |
| Metals by CRC ICPMS (mSPLP)        | E443   | 2096867  | 1     | 11      | 9.0           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (ON mSPLP) | E619D  | 2096902  | 1     | 9       | 11.1          | 5.0      | ✓          |
| Method Blanks (MB)                 |        |          |       |         |               |          |            |
| Metals by CRC ICPMS (mSPLP)        | E443   | 2096867  | 1     | 11      | 9.0           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (ON mSPLP) | E619D  | 2096902  | 1     | 9       | 11.1          | 5.0      | ✓          |
| Matrix Spikes (MS)                 |        |          |       |         |               |          |            |
| Metals by CRC ICPMS (mSPLP)        | E443   | 2096867  | 1     | 11      | 9.0           | 5.0      | ✓          |
| VOCs by Headspace GC-MS (ON mSPLP) | E619D  | 2096902  | 1     | 9       | 11.1          | 5.0      | ✓          |



## Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

| Analytical Methods                                         | Method / Lab                                  | Matrix     | Method Reference | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------|-----------------------------------------------|------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Metals by CRC ICPMS (mSPLP)                                | E443<br><br>ALS Environmental -<br>Waterloo   | Soil/Solid | EPA 6020B (mod)  | An extract produced by the modified Simulated Precipitation Leachate Procedure (mSPLP) as per E9003 (ON MECP), is analyzed by Collision/Reaction Cell ICPMS.                                                                                                                                                                                                                                                                                                                                                                           |
| VOCs by Headspace GC-MS (ON mSPLP)                         | E619D<br><br>ALS Environmental -<br>Waterloo  | Soil/Solid | EPA 8260D (mod)  | Volatile Organic Compounds (VOCs) are analyzed by static headspace GC-MS. Samples are prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                                                      |
| Preparation Methods                                        | Method / Lab                                  | Matrix     | Method Reference | Method Descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| VOCs Preparation for Headspace Analysis (mSPLP)            | EP586<br><br>ALS Environmental -<br>Waterloo  | Soil/Solid | EPA 5021A (mod)  | Liquid obtained after the mSPLP process is prepared in headspace vials and are heated and agitated on the headspace autosampler, causing VOCs to partition between the aqueous phase and the headspace in accordance with Henry's law.                                                                                                                                                                                                                                                                                                 |
| mSPLP Leachate Preparation (Metals, Inorganics, and SVOCs) | EPP443<br><br>ALS Environmental -<br>Waterloo | Soil/Solid | E9003            | Preparation of the modified Synthetic Precipitation Leaching Procedure, ON MECP 2020. A representative subsample of soil excluding stones and passed through a 9.5 mm sieve, (100 grams) is leached (18 ± 2 hours) with 2.0 liters of leaching fluid #2 (pH 5, 60:40 weight mixture of H <sub>2</sub> SO <sub>4</sub> :HNO <sub>3</sub> ). The resulting slurry is filtered through a 0.6 - 0.8 um glass fiber filter for semi-volatile organics and for metals analysis, the leachate is filtered through a 0.45um metal free filter. |
| mSPLP Leachate Preparation (VOCs and Cyanide)              | EPP584<br><br>ALS Environmental -<br>Waterloo | Soil/Solid | E9003            | The excess soil sample (25 grams) is leached in a Zero Headspace Extractor (ZHE) with 500 mL extraction fluid #3 (reagent water) for 18 ± 2 hours. Collect the filtered extract (0.6 - 0.8 um glass fiber) from the ZHE device. The sample is transferred into PTFE-lined septum-capped glass vials (with no headspace) for analysis of VOCs. A minimum of 50 mL leachate is collected in a glass or plastic container, preserved with sodium hydroxide to a pH >12 at the time of collection and submitted for cyanide analysis.      |

QUALITY CONTROL REPORT

|                         |                                                    |                         |                                                                 |
|-------------------------|----------------------------------------------------|-------------------------|-----------------------------------------------------------------|
| Work Order              | : WT2517899                                        | Page                    | : 1 of 6                                                        |
| Client                  | : GHD Limited                                      | Laboratory              | : ALS Environmental - Waterloo                                  |
| Contact                 | : Joeline Chan                                     | Account Manager         | : Rick Hawthorne                                                |
| Address                 | : 455 Phillip Street<br>Waterloo ON Canada N2L 3X2 | Address                 | : 60 Northland Road, Unit 1<br>Waterloo, Ontario Canada N2V 2B8 |
| Telephone               | : ----                                             | Telephone               | : +1 519 886 6910                                               |
| Project                 | : 12669624-120.120.10                              | Date Samples Received   | : 07-Jul-2025 13:39                                             |
| PO                      | : 735-014194-1                                     | Date Analysis Commenced | : 08-Jul-2025                                                   |
| C-O-C number            | : ----                                             | Issue Date              | : 14-Jul-2025 08:29                                             |
| Sampler                 | : ----                                             |                         |                                                                 |
| Site                    | : ----                                             |                         |                                                                 |
| Quote number            | : 12669624-ExC-01-ALS-June 2025-PO-735-014194-1    |                         |                                                                 |
| No. of samples received | : 3                                                |                         |                                                                 |
| No. of samples analysed | : 3                                                |                         |                                                                 |

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

| Signatories     | Position               | Laboratory Department                  |
|-----------------|------------------------|----------------------------------------|
| David Tremblett | VOC Section Supervisor | Waterloo VOC, Waterloo, Ontario        |
| Robert Braun    | Soils Team Supervisor  | Waterloo Inorganics, Waterloo, Ontario |
| Walt Kippenhuck | Supervisor - Inorganic | Waterloo Metals, Waterloo, Ontario     |





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## General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

### Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO = Data Quality Objective.

LOR = Limit of Reporting (detection limit).

RPD = Relative Percent Difference

# = Indicates a QC result that did not meet the ALS DQO.

## Workorder Comments

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Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

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Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

| Sub-Matrix: Soil/Solid                          |                  |                                      |            |        | Laboratory Duplicate (DUP) Report |      |                 |                  |                      |                  |           |
|-------------------------------------------------|------------------|--------------------------------------|------------|--------|-----------------------------------|------|-----------------|------------------|----------------------|------------------|-----------|
| Laboratory sample ID                            | Client sample ID | Analyte                              | CAS Number | Method | LOR                               | Unit | Original Result | Duplicate Result | RPD(%) or Difference | Duplicate Limits | Qualifier |
| ON mSPLP Metal (target pH= 5) (QC Lot: 2096867) |                  |                                      |            |        |                                   |      |                 |                  |                      |                  |           |
| WT2517946-011                                   | Anonymous        | Molybdenum, mSPLP                    | 7439-98-7  | E443   | 0.00050                           | mg/L | <0.50 µg/L      | <0.00050         | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Silver, mSPLP                        | 7440-22-4  | E443   | 0.00025                           | mg/L | <0.25 µg/L      | <0.00025         | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Thallium, mSPLP                      | 7440-28-0  | E443   | 0.00050                           | mg/L | <0.50 µg/L      | <0.00050         | 0                    | Diff <2x LOR     | ----      |
| mSPLP VOCs (QC Lot: 2096902)                    |                  |                                      |            |        |                                   |      |                 |                  |                      |                  |           |
| WT2517657-006                                   | Anonymous        | Dichloroethane, 1,2-, mSPLP          | 107-06-2   | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Dichloroethylene, 1,1-, mSPLP        | 75-35-4    | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Dichloroethylene, cis-1,2-, mSPLP    | 156-59-2   | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Dichloroethylene, trans-1,2-, mSPLP  | 156-60-5   | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Dichloropropane, 1,2-, mSPLP         | 78-87-5    | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Dichloropropylene, cis-1,3-, mSPLP   | 10061-01-5 | E619D  | 0.20                              | µg/L | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Dichloropropylene, trans-1,3-, mSPLP | 10061-02-6 | E619D  | 0.20                              | µg/L | <0.20           | <0.20            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Tetrachloroethane, 1,1,1,2-, mSPLP   | 630-20-6   | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Tetrachloroethane, 1,1,2,2-, mSPLP   | 630-20-6   | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Tetrachloroethylene, mSPLP           | 127-18-4   | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Trichloroethane, 1,1,2-, mSPLP       | 79-00-5    | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |
|                                                 |                  | Trichloroethylene, mSPLP             | 79-01-6    | E619D  | 0.50                              | µg/L | <0.50           | <0.50            | 0                    | Diff <2x LOR     | ----      |



Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Soil/Solid

| Analyte                                        | CAS Number | Method | LOR     | Unit | Result   | Qualifier |
|------------------------------------------------|------------|--------|---------|------|----------|-----------|
| ON mSPLP Metal (target pH= 5) (QCLot: 2096867) |            |        |         |      |          |           |
| Molybdenum, mSPLP                              | 7439-98-7  | E443   | 0.0005  | mg/L | <0.00050 | ----      |
| Silver, mSPLP                                  | 7440-22-4  | E443   | 0.00025 | mg/L | <0.00025 | ----      |
| Thallium, mSPLP                                | 7440-28-0  | E443   | 0.0005  | mg/L | <0.00050 | ----      |
| mSPLP VOCs (QCLot: 2096902)                    |            |        |         |      |          |           |
| Dichloroethane, 1,2-, mSPLP                    | 107-06-2   | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Dichloroethylene, 1,1-, mSPLP                  | 75-35-4    | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Dichloroethylene, cis-1,2-, mSPLP              | 156-59-2   | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Dichloroethylene, trans-1,2-, mSPLP            | 156-60-5   | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Dichloropropane, 1,2-, mSPLP                   | 78-87-5    | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Dichloropropylene, cis-1,3-, mSPLP             | 10061-01-5 | E619D  | 0.2     | µg/L | <0.20    | ----      |
| Dichloropropylene, trans-1,3-, mSPLP           | 10061-02-6 | E619D  | 0.2     | µg/L | <0.20    | ----      |
| Tetrachloroethane, 1,1,1,2-, mSPLP             | 630-20-6   | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Tetrachloroethane, 1,1,2,2-, mSPLP             | 630-20-6   | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Tetrachloroethylene, mSPLP                     | 127-18-4   | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Trichloroethane, 1,1,2-, mSPLP                 | 79-00-5    | E619D  | 0.5     | µg/L | <0.50    | ----      |
| Trichloroethylene, mSPLP                       | 79-01-6    | E619D  | 0.5     | µg/L | <0.50    | ----      |



Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Soil/Solid

|                                                |            |        |         |      | Laboratory Control Sample (LCS) Report |              |                     |      |           |
|------------------------------------------------|------------|--------|---------|------|----------------------------------------|--------------|---------------------|------|-----------|
|                                                |            |        |         |      | Spike                                  | Recovery (%) | Recovery Limits (%) |      |           |
| Analyte                                        | CAS Number | Method | LOR     | Unit | Target Concentration                   | LCS          | Low                 | High | Qualifier |
| ON mSPLP Metal (target pH= 5) (QCLot: 2096867) |            |        |         |      |                                        |              |                     |      |           |
| Molybdenum, mSPLP                              | 7439-98-7  | E443   | 0.0005  | mg/L | 0.012 mg/L                             | 94.7         | 70.0                | 130  | ----      |
| Silver, mSPLP                                  | 7440-22-4  | E443   | 0.00025 | mg/L | 0.005 mg/L                             | 90.8         | 70.0                | 130  | ----      |
| Thallium, mSPLP                                | 7440-28-0  | E443   | 0.0005  | mg/L | 0.05 mg/L                              | 103          | 70.0                | 130  | ----      |
| mSPLP VOCs (QCLot: 2096902)                    |            |        |         |      |                                        |              |                     |      |           |
| Dichloroethane, 1,2-, mSPLP                    | 107-06-2   | E619D  | 0.5     | µg/L | 100 µg/L                               | 86.8         | 70.0                | 130  | ----      |
| Dichloroethylene, 1,1-, mSPLP                  | 75-35-4    | E619D  | 0.5     | µg/L | 100 µg/L                               | 108          | 70.0                | 130  | ----      |
| Dichloroethylene, cis-1,2-, mSPLP              | 156-59-2   | E619D  | 0.5     | µg/L | 100 µg/L                               | 100          | 70.0                | 130  | ----      |
| Dichloroethylene, trans-1,2-, mSPLP            | 156-60-5   | E619D  | 0.5     | µg/L | 100 µg/L                               | 104          | 70.0                | 130  | ----      |
| Dichloropropane, 1,2-, mSPLP                   | 78-87-5    | E619D  | 0.5     | µg/L | 100 µg/L                               | 99.3         | 70.0                | 130  | ----      |
| Dichloropropylene, cis-1,3-, mSPLP             | 10061-01-5 | E619D  | 0.2     | µg/L | 100 µg/L                               | 89.2         | 70.0                | 130  | ----      |
| Dichloropropylene, trans-1,3-, mSPLP           | 10061-02-6 | E619D  | 0.2     | µg/L | 100 µg/L                               | 92.0         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,1,2-, mSPLP             | 630-20-6   | E619D  | 0.5     | µg/L | 100 µg/L                               | 96.1         | 70.0                | 130  | ----      |
| Tetrachloroethane, 1,1,2,2-, mSPLP             | 630-20-6   | E619D  | 0.5     | µg/L | 100 µg/L                               | 92.9         | 70.0                | 130  | ----      |
| Tetrachloroethylene, mSPLP                     | 127-18-4   | E619D  | 0.5     | µg/L | 100 µg/L                               | 107          | 70.0                | 130  | ----      |
| Trichloroethane, 1,1,2-, mSPLP                 | 79-00-5    | E619D  | 0.5     | µg/L | 100 µg/L                               | 89.4         | 70.0                | 130  | ----      |
| Trichloroethylene, mSPLP                       | 79-01-6    | E619D  | 0.5     | µg/L | 100 µg/L                               | 105          | 70.0                | 130  | ----      |



Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: Soil/Solid

| Sub-Matrix: Soil/Solid                         |                  |                                      |            |        | Matrix Spike (MS) Report |           |              |                     |      |           |
|------------------------------------------------|------------------|--------------------------------------|------------|--------|--------------------------|-----------|--------------|---------------------|------|-----------|
|                                                |                  |                                      |            |        | Spike                    |           | Recovery (%) | Recovery Limits (%) |      |           |
| Laboratory sample ID                           | Client sample ID | Analyte                              | CAS Number | Method | Concentration            | Target    | MS           | Low                 | High | Qualifier |
| ON mSPLP Metal (target pH= 5) (QCLot: 2096867) |                  |                                      |            |        |                          |           |              |                     |      |           |
| WT2517946-011                                  | Anonymous        | Molybdenum, mSPLP                    | 7439-98-7  | E443   | 1.22 mg/L                | 1.25 mg/L | 97.8         | 50.0                | 140  | ----      |
|                                                |                  | Silver, mSPLP                        | 7440-22-4  | E443   | 0.0980 mg/L              | 0.1 mg/L  | 98.0         | 50.0                | 140  | ----      |
|                                                |                  | Thallium, mSPLP                      | 7440-28-0  | E443   | 5.26 mg/L                | 5 mg/L    | 105          | 50.0                | 140  | ----      |
| mSPLP VOCs (QCLot: 2096902)                    |                  |                                      |            |        |                          |           |              |                     |      |           |
| WT2517657-006                                  | Anonymous        | Dichloroethane, 1,2-, mSPLP          | 107-06-2   | E619D  | 99.8 µg/L                | 100 µg/L  | 99.8         | 50.0                | 140  | ----      |
|                                                |                  | Dichloroethylene, 1,1-, mSPLP        | 75-35-4    | E619D  | 104 µg/L                 | 100 µg/L  | 104          | 50.0                | 140  | ----      |
|                                                |                  | Dichloroethylene, cis-1,2-, mSPLP    | 156-59-2   | E619D  | 104 µg/L                 | 100 µg/L  | 104          | 50.0                | 140  | ----      |
|                                                |                  | Dichloroethylene, trans-1,2-, mSPLP  | 156-60-5   | E619D  | 102 µg/L                 | 100 µg/L  | 102          | 50.0                | 140  | ----      |
|                                                |                  | Dichloropropane, 1,2-, mSPLP         | 78-87-5    | E619D  | 107 µg/L                 | 100 µg/L  | 107          | 50.0                | 140  | ----      |
|                                                |                  | Dichloropropylene, cis-1,3-, mSPLP   | 10061-01-5 | E619D  | 98.6 µg/L                | 100 µg/L  | 98.6         | 50.0                | 140  | ----      |
|                                                |                  | Dichloropropylene, trans-1,3-, mSPLP | 10061-02-6 | E619D  | 94.2 µg/L                | 100 µg/L  | 94.2         | 50.0                | 140  | ----      |
|                                                |                  | Tetrachloroethane, 1,1,1,2-, mSPLP   | 630-20-6   | E619D  | 97.7 µg/L                | 100 µg/L  | 97.7         | 50.0                | 140  | ----      |
|                                                |                  | Tetrachloroethane, 1,1,2,2-, mSPLP   | 630-20-6   | E619D  | 104 µg/L                 | 100 µg/L  | 104          | 50.0                | 140  | ----      |
|                                                |                  | Tetrachloroethylene, mSPLP           | 127-18-4   | E619D  | 97.5 µg/L                | 100 µg/L  | 97.5         | 50.0                | 140  | ----      |
|                                                |                  | Trichloroethane, 1,1,2-, mSPLP       | 79-00-5    | E619D  | 99.9 µg/L                | 100 µg/L  | 99.9         | 50.0                | 140  | ----      |
|                                                |                  | Trichloroethylene, mSPLP             | 79-01-6    | E619D  | 104 µg/L                 | 100 µg/L  | 104          | 50.0                | 140  | ----      |





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# Chain of Custody (COC) / Analytical Request Form

COC Number: 20

Page

Environmental Division

Waterloo

Work Order Reference

WT2516796

Telephone: +1 519 886 6910



| Report To                                                      |                                                                                                 | Reports / Recipients                                                                                                                                      |  | Turnaround Time (TAT) Requested                                                                                                                                                                     |  |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Contact and company name below will appear on the final report |                                                                                                 | Select Report Format: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input checked="" type="checkbox"/> EDD (DIGITAL) |  | <input checked="" type="checkbox"/> Routine [R] if received by 3pm M-F - no surcharges apply                                                                                                        |  |
| Company:                                                       | GHD Ltd. (Acct GHDL100)                                                                         | Merge QC/QCI Reports with COA <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A                            |  | <input type="checkbox"/> 1 day [P4] if received by 3pm M-F - 20% rush surcharge minimum                                                                                                             |  |
| Contact:                                                       | Jennifer Balkwill                                                                               | <input type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked                                                     |  | <input type="checkbox"/> 3 day [P3] if received by 3pm M-F - 25% rush surcharge minimum                                                                                                             |  |
| Phone:                                                         | 519-884-0510                                                                                    | Select Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                                 |  | <input type="checkbox"/> 2 day [P2] if received by 3pm M-F - 50% rush surcharge minimum                                                                                                             |  |
| Company address below will appear on the final report          |                                                                                                 | Email 1 or Fax Jennifer.Balkwill@ghd.com                                                                                                                  |  | <input type="checkbox"/> 1 day [E] if received by 3pm M-F - 100% rush surcharge minimum                                                                                                             |  |
| Street:                                                        | 455 Phillip St.                                                                                 | Email 2 See SSOW/PO                                                                                                                                       |  | <input type="checkbox"/> Same day [E2] if received by 10am M-S - 200% rush surcharge. At fees may apply to rush requests on weekends, statutory holidays and routine tests                          |  |
| City/Province:                                                 | Waterloo, ON                                                                                    | Email 3                                                                                                                                                   |  | Date and Time Required for all E&P TATs:                                                                                                                                                            |  |
| Postal Code:                                                   | N2L 3X2                                                                                         | Invoice Recipients                                                                                                                                        |  | For tests that can not be performed according to the TAT requested, you will be contacted.                                                                                                          |  |
| Invoice To                                                     | Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO           | Select Invoice Distribution: <input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX                         |  | Analysis Request                                                                                                                                                                                    |  |
|                                                                | Copy of Invoice with Report <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Email 1 or Fax accountspayableCDN@ghd.com                                                                                                                 |  | Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below                                                                                                                          |  |
| Company:                                                       | GHD Ltd. (GHDL100)                                                                              | Email 2                                                                                                                                                   |  | NUMBER OF CONTAINERS                                                                                                                                                                                |  |
| Contact:                                                       |                                                                                                 | Oil and Gas Required Fields (client use)                                                                                                                  |  | O. Reg. 153/04 Metals and Inorganic                                                                                                                                                                 |  |
| Project Information                                            |                                                                                                 | AFE/Cost Center: PO#                                                                                                                                      |  | OC Pesticides                                                                                                                                                                                       |  |
| ALS Account # / Quote #: WT2025GHDL1000081                     |                                                                                                 | Major/Minor Code: Routing Code:                                                                                                                           |  | Corrosivity                                                                                                                                                                                         |  |
| Job #: 12669624-120.120.10                                     |                                                                                                 | Requisitioner:                                                                                                                                            |  | MeOH Trip blank (VOC)                                                                                                                                                                               |  |
| PO / AFE:                                                      |                                                                                                 | Location:                                                                                                                                                 |  | VOC / FI - F4                                                                                                                                                                                       |  |
| LSD:                                                           |                                                                                                 | ALS Contact: Rick H                                                                                                                                       |  | PAH'S                                                                                                                                                                                               |  |
| ALS Lab Work Order # (lab use only): WT2516796                 |                                                                                                 | Sampler:                                                                                                                                                  |  | SAMPLES ON HOLD                                                                                                                                                                                     |  |
| Sample Identification and/or Coordinates                       |                                                                                                 | Date                                                                                                                                                      |  | Time                                                                                                                                                                                                |  |
| (This description will appear on the report)                   |                                                                                                 | (dd-mm-yy)                                                                                                                                                |  | (hh:mm)                                                                                                                                                                                             |  |
| Sample Type                                                    |                                                                                                 |                                                                                                                                                           |  |                                                                                                                                                                                                     |  |
| TRIP BLANK                                                     |                                                                                                 | June 24, 2025                                                                                                                                             |  | AM                                                                                                                                                                                                  |  |
| S-12669624-23/06/25-RB-MW25-18-0'-2'                           |                                                                                                 | June 23, 2025                                                                                                                                             |  | AM                                                                                                                                                                                                  |  |
| S-12669624-23/06/25-RB-MW25-18-2.5'-4.5'                       |                                                                                                 | June 23, 2025                                                                                                                                             |  | AM                                                                                                                                                                                                  |  |
| S-12669624-23/06/25-RB-MW25-18-5'-7'                           |                                                                                                 | June 23, 2025                                                                                                                                             |  | AM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-DUP 3                                   |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-DUP 4                                   |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-BH25-17-0'-2'                           |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-BH25-17-2.5'-4.5'                       |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-BH25-17-5'-7'                           |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-BH25-15-0'-2'                           |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-BH25-15-2.5'-4.5'                       |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| S-12669624-24/06/25-RB-BH25-15-5'-7'                           |                                                                                                 | June 24, 2025                                                                                                                                             |  | PM                                                                                                                                                                                                  |  |
| Drinking Water (DW) Samples <sup>1</sup> (client use)          |                                                                                                 | Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)                                                           |  | SAMPLE RECEIPT DETAILS (lab use only)                                                                                                                                                               |  |
| Are samples taken from a Regulated DW System?                  |                                                                                                 |                                                                                                                                                           |  | Cooling Method: <input type="checkbox"/> NONE <input checked="" type="checkbox"/> ICE <input type="checkbox"/> ICE PACKS <input type="checkbox"/> FROZEN <input type="checkbox"/> COOLING INITIATED |  |
| <input type="checkbox"/> YES <input type="checkbox"/> NO       |                                                                                                 |                                                                                                                                                           |  | Submission Comments identified on Sample Receipt Notification: <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                             |  |
| Are samples for human consumption/ use?                        |                                                                                                 |                                                                                                                                                           |  | Cooler Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A Sample Custody Seals Intact: <input checked="" type="checkbox"/> YES <input type="checkbox"/> N/A |  |
| <input type="checkbox"/> YES <input type="checkbox"/> NO       |                                                                                                 |                                                                                                                                                           |  | INITIAL COOLER TEMPERATURES °C                                                                                                                                                                      |  |
|                                                                |                                                                                                 |                                                                                                                                                           |  | 6.6 5.4                                                                                                                                                                                             |  |
|                                                                |                                                                                                 |                                                                                                                                                           |  | FINAL COOLER TEMPERATURES °C                                                                                                                                                                        |  |
|                                                                |                                                                                                 |                                                                                                                                                           |  | 6.5                                                                                                                                                                                                 |  |
| SHIPMENT RELEASE (client use)                                  |                                                                                                 | INITIAL SHIPMENT RECEPTION (lab use only)                                                                                                                 |  | FINAL SHIPMENT RECEPTION (lab use only)                                                                                                                                                             |  |
| Released by: Smeer B.                                          |                                                                                                 | Received by: AM                                                                                                                                           |  | Received by: AG                                                                                                                                                                                     |  |
| Date: June 25, 2025                                            |                                                                                                 | Date: 06/25/25                                                                                                                                            |  | Date: 6/25/25                                                                                                                                                                                       |  |
| Time: 9:37AM                                                   |                                                                                                 | Time: 9:40                                                                                                                                                |  | Time: 17:50                                                                                                                                                                                         |  |

BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

After samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.





## COC Number: 20 -

Canada Toll Free: 1 800 668 9878

Page 2 of 2

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AUGUST 2020 EPOCH

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

# Data Verification Report

15 August 2025

|                     |                                                                                                                                                  |                    |                           |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------|
| <b>To</b>           | Kimberley Bui                                                                                                                                    | <b>Project No.</b> | 12669624                  |
| <b>Copy to</b>      | Joeline Chan, Dylan Walsh, Reza Bay                                                                                                              | <b>DVR No.</b>     | DVR-01                    |
| <b>From</b>         | Jennifer Balkwill                                                                                                                                | <b>Contact No.</b> | +1 519 884 0510           |
| <b>Project Name</b> | IO - Oakville Land Assembly, Oakville (William Halton Pkwy West)                                                                                 | <b>Email</b>       | Jennifer.balkwill@ghd.com |
| <b>Subject</b>      | Analytical Results and Data Verification<br>Soil Sampling<br>Infrastructure Ontario - William Halton Pkwy West<br>Oakville, Ontario<br>June 2025 |                    |                           |

*The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.*

## 1. Introduction

This document details a data verification of analytical results for soil samples collected in support of the Infrastructure Ontario - William Halton Pkwy West site during June 2025. Samples were submitted to ALS Canada Limited (ALS) located in Waterloo, Ontario. A sample collection and analysis summary is presented in Table 1. A summary of the analytical methodology is presented in Table 2.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS) and field QA/QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 2 and applicable guidance from the documents entitled:

1. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, September 2016.
2. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, September 2016.
3. "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", Laboratory Services Branch, Ministry of the Environment, March 9, 2004, amended as of July 1, 2011.

Items 1 and 2 will subsequently be referred to as the "Guidelines" in this report. Item 3 will subsequently be referred to as the "O. Reg. 153 Analytical Protocols".

## 2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 2. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved and delivered on ice and received by the laboratory at the required temperature (<10°C).

## 3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation.

## 4. Surrogate Spike Recoveries

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for Polycyclic Aromatic Hydrocarbon (PAH), volatile organic compound (VOC), petroleum hydrocarbon (PHC), organochlorine (OC) pesticide, and VOC by modified synthetic characterization leachate procedure (mSPLP) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

## 5. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

### Organic Analyses

The LCS contained all compounds of interest. Most LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy. Some LCS recoveries did not meet the above guidance. Samples associated with outlying recoveries were evaluated as follows (see Table 3 for qualified data):

1. Non-detect results associated with high LCS recoveries were not qualified. The indicated high bias would not impact the data.
2. Non-detect results associated with low LCS recoveries were qualified as estimated.

3. As outlined in the O. Reg. 153 Analytical Protocols, in multielement scans, up to 10 percent of the analytes in an LCS may exceed the quoted limits by up to 10 percent absolute and the spike is considered acceptable. Some qualifiers were omitted due to this rule.

#### **Inorganic Analyses**

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

## **6. Matrix Spike Analyses**

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples.

If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

#### **Organic Analyses**

The MS samples were spiked with all compounds of interest. Most percent recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy. Some MS recoveries did not meet the above guidance. Non-detect results associated with low MS recoveries were qualified as estimated (see Table 4).

#### **Inorganic Analyses**

The MS samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries were within the control limits, demonstrating acceptable analytical accuracy.

## **7. Duplicate Sample Analyses**

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory. The laboratory performed additional site-specific duplicate analyses internally. The relative percent differences (RPDs) associated with these duplicate samples must be less than 35 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the reporting limit (RL), the evaluation criteria is a difference of two times the RL value for soil samples.

All duplicate analyses performed were acceptable, demonstrating acceptable analytical precision.

## **8. Field QA/QC Samples**

The field QA/QC consisted of three trip blanks and eight field duplicate sample sets.

#### **Trip Blank Sample Analysis**

To evaluate contamination from sample transportation, storage, and analytical activities, three trip blank samples were submitted to the laboratory for VOC and PHC F1 analysis as outlined in Table 1. All results were non-detect for the compounds of interest.

#### **Field Duplicate Sample Analysis**

To assess the analytical and sampling protocol precision, eight field duplicate sample sets were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must

be less than 100 percent for soil samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is a difference of two times the RL for soil samples. Most field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision. Results that showed variability have been qualified as estimated (see Table 5).

## 9. Conclusion

Based on the assessment detailed in the foregoing, the data are acceptable with the specific qualifications noted herein.

Regards



**Jennifer Balkwill**  
Chemistry Data Validator / Analytical Coordinator - Team Lead



Table 1  
Sample Collection and Analysis Summary  
Soil Sampling  
Infrastructure Ontario - William Halton Pkwy West  
Oakville, Ontario  
June 2025

| Lab Report # | Sample Identification                   | Location | Matrix   | Initial Sample Depth (m BGS) | Final Sample Depth (m BGS) | Collection Date (mm/dd/yyyy) | Analysis/Parameters        |                             |                                |                                  |                           |        |         |                     |                           |    |              |                                |                         |                  |                  |                 |             |         | Comments |                                              |              |
|--------------|-----------------------------------------|----------|----------|------------------------------|----------------------------|------------------------------|----------------------------|-----------------------------|--------------------------------|----------------------------------|---------------------------|--------|---------|---------------------|---------------------------|----|--------------|--------------------------------|-------------------------|------------------|------------------|-----------------|-------------|---------|----------|----------------------------------------------|--------------|
|              |                                         |          |          |                              |                            |                              | Volatile Organic Compounds | Petroleum Hydrocarbons (F1) | Petroleum Hydrocarbons (F2-F4) | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Metals | Mercury | Hexavalent Chromium | Boron (Hot Water Soluble) | pH | Conductivity | Cyanide, Weak-Acid Dissociable | Sodium Adsorption Ratio | Anion (Chloride) | Anion (Sulphate) | Redox Potential | Resistivity | Sulfide |          | mSPLP VOCs                                   | mSPLP Metals |
|              |                                         |          |          |                              |                            |                              |                            |                             |                                |                                  |                           |        |         |                     |                           |    |              |                                |                         |                  |                  |                 |             |         |          |                                              |              |
| WT2516558    | TRIP BLANK                              | -        | Methanol | -                            | -                          | 06/18/2025                   | X                          | X                           | -                              | -                                | -                         | -      | -       | -                   | -                         | -  | -            | -                              | -                       | -                | -                | -               | -           | -       | -        | Trip Blank                                   |              |
| WT2516558    | S-12669624-18/06/25-RB-MW25-14-0-2'     | MW25-14  | Soil     | 0                            | 0.61                       | 06/18/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-18/06/25-RB-MW25-14-5-7'     | MW25-14  | Soil     | 1.52                         | 2.13                       | 06/18/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-18/06/25-RB-MW25-14-7.5-9.5' | MW25-14  | Soil     | 2.29                         | 2.9                        | 06/18/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-18/06/25-RB-DUP 1            | MW25-14  | Soil     | 0                            | 0.61                       | 06/18/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        | FD (S-12669624-18/06/25-RB-MW25-14-0-2')     |              |
| WT2516558    | S-12669624-19/06/25-RB-MW25-08-0-2'     | MW25-08  | Soil     | 0                            | 0.61                       | 06/19/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-MW25-08-2.5-4.5' | MW25-08  | Soil     | 0.76                         | 1.37                       | 06/19/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-MW25-08-5-7'     | MW25-08  | Soil     | 1.52                         | 2.13                       | 06/19/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-DUP 2            | MW25-08  | Soil     | 0.76                         | 1.37                       | 06/19/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        | FD (S-12669624-19/06/25-RB-MW25-08-2.5-4.5') |              |
| WT2516558    | S-12669624-19/06/25-RB-BH25-03-0-2'     | BH25-03  | Soil     | 0                            | 0.61                       | 06/19/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-BH25-03-2.5-4.5' | BH25-03  | Soil     | 0.76                         | 1.37                       | 06/19/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-BH25-03-5-7'     | BH25-03  | Soil     | 1.52                         | 2.13                       | 06/19/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | X                | X                | X               | X           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-BH25-05-0-2'     | BH25-05  | Soil     | 0                            | 0.61                       | 06/19/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-BH25-05-2.5-4.5' | BH25-05  | Soil     | 0.76                         | 1.37                       | 06/19/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-19/06/25-RB-BH25-05-5-7'     | BH25-05  | Soil     | 1.52                         | 2.13                       | 06/19/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-07-0-2'     | MW25-07  | Soil     | 0                            | 0.61                       | 06/20/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-07-2.5-4.5' | MW25-07  | Soil     | 0.76                         | 1.37                       | 06/20/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-07-5-7'     | MW25-07  | Soil     | 1.52                         | 2.13                       | 06/20/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-07-7.5-9.5' | MW25-07  | Soil     | 2.29                         | 2.9                        | 06/20/2025                   | -                          | -                           | -                              | -                                | -                         | -      | -       | -                   | -                         | X  | X            | -                              | -                       | X                | X                | X               | X           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-11-0-2'     | MW25-11  | Soil     | 0                            | 0.61                       | 06/20/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-11-2.5-4.5' | MW25-11  | Soil     | 0.76                         | 1.37                       | 06/20/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516558    | S-12669624-20/06/25-RB-MW25-11-5-7'     | MW25-11  | Soil     | 1.52                         | 2.13                       | 06/20/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | TRIP BLANK                              | -        | Methanol | -                            | -                          | 06/24/2025                   | X                          | X                           | -                              | -                                | -                         | -      | -       | -                   | -                         | -  | -            | -                              | -                       | -                | -                | -               | -           | -       | -        | Trip Blank                                   |              |
| WT2516796    | S-12669624-23/06/25-RB-MW25-18-0-2      | MW25-18  | Soil     | 0                            | 0.61                       | 06/23/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-23/06/25-RB-MW25-18-2.5-4.5  | MW25-18  | Soil     | 0.76                         | 1.37                       | 06/23/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-23/06/25-RB-MW25-18-5-7      | MW25-18  | Soil     | 1.52                         | 2.13                       | 06/23/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-DUP 3            | BH25-15  | Soil     | 0                            | 0.61                       | 06/24/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        | FD (S-12669624-24/06/25-RB-BH25-15-0-2)      |              |
| WT2516796    | S-12669624-24/06/25-RB-DUP 4            | BH25-17  | Soil     | 0                            | 0.61                       | 06/24/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        | FD (S-12669624-24/06/25-RB-BH25-17-0-2)      |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-17-0-2      | BH25-17  | Soil     | 0                            | 0.61                       | 06/24/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17  | Soil     | 0.76                         | 1.37                       | 06/24/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-17.5-7      | BH25-17  | Soil     | 1.52                         | 2.13                       | 06/24/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-15-0-2      | BH25-15  | Soil     | 0                            | 0.61                       | 06/24/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-15-2.5-4.5  | BH25-15  | Soil     | 0.76                         | 1.37                       | 06/24/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-15-5-7      | BH25-15  | Soil     | 1.52                         | 2.13                       | 06/24/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2516796    | S-12669624-24/06/25-RB-BH25-17-2.5-4.5  | BH25-17  | Soil     | 0.76                         | 1.37                       | 06/24/2025                   | -                          | -                           | -                              | -                                | -                         | -      | -       | -                   | -                         | X  | X            | -                              | -                       | X                | X                | X               | X           | -       | -        |                                              |              |
| WT2517131    | TRIP BLANK                              | -        | Methanol | -                            | -                          | 06/25/2025                   | X                          | X                           | -                              | -                                | -                         | -      | -       | -                   | -                         | -  | -            | -                              | -                       | -                | -                | -               | -           | -       | -        | Trip Blank                                   |              |
| WT2517131    | S-12669624-250625-RB-BH25-16-0'-2'      | BH25-16  | Soil     | 0                            | 0.61                       | 06/25/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2517131    | S-12669624-250625-RB-BH25-16-2.5'-4.5'  | BH25-16  | Soil     | 0.76                         | 1.37                       | 06/25/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2517131    | S-12669624-250625-RB-BH25-16-7.5'-9.5'  | BH25-16  | Soil     | 2.29                         | 2.9                        | 06/25/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        |                                              |              |
| WT2517131    | S-12669624-250625-RB-DUP 5              | BH25-16  | Soil     | 0.76                         | 1.37                       | 06/25/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | -                       | -                | -                | -               | -           | -       | -        | FD (S-12669624-250625-RB-BH25-16-2.5'-4.5')  |              |



**Table 1**

**Sample Collection and Analysis Summary**

**Soil Sampling**

**Infrastructure Ontario - William Halton Pkwy West**

**Oakville, Ontario**

**June 2025**

|              |                                          |          |        |                |               |                              | Analysis/Parameters        |                             |                                |                                  |                           |        |         |                     |                           |    |              |                                |                         |                  |                  |                 |             |         |            |              |                                             |
|--------------|------------------------------------------|----------|--------|----------------|---------------|------------------------------|----------------------------|-----------------------------|--------------------------------|----------------------------------|---------------------------|--------|---------|---------------------|---------------------------|----|--------------|--------------------------------|-------------------------|------------------|------------------|-----------------|-------------|---------|------------|--------------|---------------------------------------------|
| Lab Report # | Sample Identification                    | Location | Matrix | Initial Sample | Final Sample  | Collection Date (mm/dd/yyyy) | Volatile Organic Compounds | Petroleum Hydrocarbons (F1) | Petroleum Hydrocarbons (F2-F4) | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Metals | Mercury | Hexavalent Chromium | Boron (Hot Water Soluble) | pH | Conductivity | Cyanide, Weak-Acid Dissociable | Sodium Adsorption Ratio | Anion (Chloride) | Anion (Sulphate) | Redox Potential | Resistivity | Sulfide | mSPLP VOCs | mSPLP Metals | Comments                                    |
|              |                                          |          |        | Depth (m BGS)  | Depth (m BGS) |                              |                            |                             |                                |                                  |                           |        |         |                     |                           |    |              |                                |                         |                  |                  |                 |             |         |            |              |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-12-0'-2'       | BH25-12  | Soil   | 0              | 0.61          | 06/25/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            | FD (S-12669624-250625-RB-BH25-12-2.5'-4.5') |
| WT2517131    | S-12669624-250625-RB-DUP 6               | BH25-12  | Soil   | 0.76           | 1.37          | 06/25/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-12-2.5'-4.5'   | BH25-12  | Soil   | 0.76           | 1.37          | 06/25/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-12-7.5'-9.5'   | BH25-12  | Soil   | 2.29           | 2.9           | 06/25/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-13-0'-2'       | BH25-13  | Soil   | 0              | 0.61          | 06/25/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-13-2.5'-4.5'   | BH25-13  | Soil   | 0.76           | 1.37          | 06/25/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            | FD (S-12669624-260625-RB-BH25-09-0'-2')     |
| WT2517131    | S-12669624-250625-RB-BH25-13-7.5'-9.5'   | BH25-13  | Soil   | 2.29           | 2.9           | 06/25/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-DUP 7               | BH25-09  | Soil   | 0              | 0.61          | 06/25/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-10-0'-2'       | BH25-10  | Soil   | 0              | 0.61          | 06/25/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-10-5'-7'       | BH25-10  | Soil   | 1.52           | 2.13          | 06/25/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-10-2.5'-4.5'   | BH25-10  | Soil   | 0.76           | 1.37          | 06/25/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-250625-RB-BH25-13-5'-7'       | BH25-13  | Soil   | 1.52           | 2.13          | 06/25/2025                   | -                          | -                           | -                              | -                                | -                         | -      | -       | -                   | -                         | X  | X            | -                              | -                       | X                | X                | X               | X           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-01-0'-2'       | BH25-01  | Soil   | 0              | 0.61          | 06/26/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            | FD (S-12669624-260625-RB-BH25-04-2.5'-4.5') |
| WT2517131    | S-12669624-260625-RB-BH25-01-2.5'-4.5    | BH25-01  | Soil   | 0.76           | 1.37          | 06/26/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-01-5'-7'       | BH25-01  | Soil   | 1.52           | 2.13          | 06/26/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-06-0'-2'       | BH25-06  | Soil   | 0              | 0.61          | 06/26/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-06-2.5'-4.5'   | BH25-06  | Soil   | 0.76           | 1.37          | 06/26/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-06-5'-7'       | BH25-06  | Soil   | 1.52           | 2.13          | 06/26/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-04-0'-2'       | BH25-04  | Soil   | 0              | 0.61          | 06/26/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-04-2.5'-4.5'   | BH25-04  | Soil   | 0.76           | 1.37          | 06/26/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-04-5'-7'       | BH25-04  | Soil   | 1.52           | 2.13          | 06/26/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | X          | X            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-09-0'-2'       | BH25-09  | Soil   | 0              | 0.61          | 06/26/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | X          | X            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-09-2.5'-4.5'   | BH25-09  | Soil   | 0.76           | 1.37          | 06/26/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-BH25-09-5'-7'       | BH25-09  | Soil   | 1.52           | 2.13          | 06/26/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-260625-RB-DUP 8               | BH25-04  | Soil   | 0.76           | 1.37          | 06/26/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            | FD (S-12669624-260625-RB-BH25-04-2.5'-4.5') |
| WT2517131    | S-12669624-270625-RB-BH25-02-0'-2'       | BH25-02  | Soil   | 0              | 0.61          | 06/27/2025                   | X                          | X                           | X                              | X                                | X                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-270625-RB-BH25-02-2.5'-4.5'   | BH25-02  | Soil   | 0.76           | 1.37          | 06/27/2025                   | X                          | X                           | X                              | X                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
| WT2517131    | S-12669624-270625-RB-BH25-02-7.5'-9.5'   | BH25-02  | Soil   | 2.29           | 2.9           | 06/27/2025                   | X                          | X                           | X                              | -                                | -                         | X      | X       | X                   | X                         | X  | X            | X                              | X                       | -                | -                | -               | -           | -       | -          | -            |                                             |
|              |                                          |          |        |                |               |                              |                            |                             |                                |                                  |                           |        |         |                     |                           |    |              |                                |                         |                  |                  |                 |             |         |            |              |                                             |
| WT2517899    | S-12669624-24/06/25-RB-BH25-17-0'-2'     | BH25-17  | Soil   | 0              | 0.61          | 06/24/2025                   | -                          | -                           | -                              | -                                | -                         | -      | -       | -                   | -                         | -  | -            | -                              | -                       | -                | -                | -               | -           | X       | X          |              |                                             |
| WT2517899    | S-12669624-24/06/25-RB-BH25-17-2.5'-4.5' | BH25-17  | Soil   | 0.76           | 1.37          | 06/24/2025                   | -                          | -                           | -                              | -                                | -                         | -      | -       | -                   | -                         | -  | -            | -                              | -                       | -                | -                | -               | -           | X       | X          |              |                                             |
| WT2517899    | S-12669624-24/06/25-RB-BH25-17-5'-7'     | BH25-17  | Soil   | 1.52           | 2.13          | 06/24/2025                   | -                          | -                           | -                              | -                                | -                         | -      | -       | -                   | -                         | -  | -            | -                              | -                       | -                | -                | -               | -           | X       | X          |              |                                             |

Notes:  
FD - Field Duplicate Sample of Sample in Parentheses  
"- -" - Not applicable  
m BGS - metres below ground surface  
mSPLP - Modified Synthetic Precipitation Leaching Procedure  
VOCs - Volatile Organic Compounds

**Analytical Method and Holding Time Criteria  
Soil Sampling  
Infrastructure Ontario - William Halton Pkwy West  
Oakville, Ontario  
June 2025**

| Parameters                                           | Methodology <sup>(1)</sup> | Holding Time Criteria <sup>(2)</sup> |
|------------------------------------------------------|----------------------------|--------------------------------------|
|                                                      |                            | Soil                                 |
| VOCs - Methanol used for soil                        | SW846 8260B                | 14 days                              |
| Petroleum Hydrocarbons (F1) - Methanol used for soil | CCME CWS Tier 1            | 14 days                              |
| Petroleum Hydrocarbons (F2-F4)                       | CCME CWS Tier 1            | 14 days                              |
| Polycyclic Aromatic Hydrocarbons                     | SW846 8270                 | 60 days                              |
| Organochlorine Pesticides                            | SW846 8270                 | 60 days                              |
| Metals                                               | SW846 6020                 | 180 days                             |
| Mercury                                              | SW846 7470                 | 28 days                              |
| Hexavalent Chromium                                  | SW846 7196                 | 30 days                              |
| Boron (Hot Water Soluble)                            | SW846 6010                 | 180 days                             |
| pH                                                   | SM 4500 H / MOEE E3137A    | 30 days                              |
| Conductivity                                         | SM 2510 B / MOEE E3138     | 30 days                              |
| Cyanide, Weak Acid dissociable                       | MOEE 3014A / 3009A         | 14 days                              |
| Sodium Adsorption Ratio                              | SW846 6010C                | 180 days                             |
| Anion (Chloride)                                     | EPA 300.1                  | 30 days                              |
| Anion (Sulphate)                                     | EPA 300.1                  | NA                                   |
| Redox Potential                                      | APHA 2580                  | 7 days                               |
| Resistivity                                          | APHA 2510 B                | 30 days                              |
| Sulfide                                              | APHA 4500S2J               | 7 days                               |
| mSPLP VOCs                                           | E9003 / EPA 8260D          | 14/14 <sup>(3)</sup>                 |
| mSPLP Metals                                         | E9003 / EPA 6020B          | 180/180 <sup>(3)</sup>               |

## Notes:

- <sup>(1)</sup> Methods referenced from the following:  
 SW846 - "Test Method for Evaluating Solid Waste Physical/Chemical Methods", EPA, November 1986  
 with promulgated updates  
 CCME CWS - Canadian Council of Ministers of the Environment - Canadian Wide Standards  
 SM - Standard Methods for the Examination of Water and Wastewater", 21st Ed., APHA, September 2005  
 MOEE - Ministry of the Environment and Energy  
 EPA - U.S. Environmental protection Agency. Analytical Methodology (October, 2007)  
 APHA - "Standard Methods for the Examination of Water and Wastewater", 19th Ed., APHA, 1995  
 E9003 - Modified Synthetic Precipitation Leaching Procedure, ON MECP 2020
- <sup>(2)</sup> Holding times differing from those defined in the indicated methodology were obtained from the  
 O. Reg. 153 Analytical Protocols
- <sup>(3)</sup> x/y - x days to extract/y days to analyze  
 NA - Not Applicable  
 mSPLP - Modified Synthetic Precipitation Leaching Procedure  
 VOCs - Volatile Organic Compounds

Table 3

**Qualified Sample Results Due To Outlying Laboratory Control Sample Results**  
**Soil Sampling**  
**Infrastructure Ontario - William Halton Pkwy West**  
**Oakville, Ontario**  
**June 2025**

| Lab Report # | Parameter  | Analyte      | LCS        | Control Limits | Associated Sample ID               | Qualified Results | Units |
|--------------|------------|--------------|------------|----------------|------------------------------------|-------------------|-------|
|              |            |              | % Recovery | % Recovery     |                                    |                   |       |
| WT2517131    | Pesticides | Methoxychlor | 38.8       | 50-150         | S-12669624-250625-RB-BH25-16-0'-2' | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-250625-RB-BH25-12-0'-2' | 0.00500 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-250625-RB-BH25-13-0'-2' | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-250625-RB-DUP 7         | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-250625-RB-BH25-10-0'-2' | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-260625-RB-BH25-01-0'-2' | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-260625-RB-BH25-06-0'-2' | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-260625-RB-BH25-04-0'-2' | 0.00250 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-260625-RB-BH25-09-0'-2' | 0.00100 UJ        | mg/kg |
|              |            |              |            |                | S-12669624-270625-RB-BH25-02-0'-2' | 0.00100 UJ        | mg/kg |

## Notes:

LCS - Laboratory Control Sample

UJ - Not detected; associated reporting limit is estimated

Table 4

**Qualified Sample Data Due To Outlying Matrix Spike Recoveries**  
**Soil Sampling**  
**Infrastructure Ontario - William Halton Pkwy West**  
**Oakville, Ontario**  
**June 2025**

| Lab<br>Report # | Parameter  | Spiked Sample ID                   | Analyte            | MS         | Control Limits |  | Associated Sample IDs              | Qualified<br>Result | Units |
|-----------------|------------|------------------------------------|--------------------|------------|----------------|--|------------------------------------|---------------------|-------|
|                 |            |                                    |                    | % Recovery | % Recovery     |  |                                    |                     |       |
| WT2516796       | Pesticides | S-12669624-23/06/25-RB-MW25-18-0-2 | 4,4'-DDT           | 45.6       | 50-150         |  | S-12669624-23/06/25-RB-MW25-18-0-2 | 0.00060 UJ          | mg/kg |
| WT2516796       | Pesticides | S-12669624-23/06/25-RB-MW25-18-0-2 | Aldrin             | 48.1       | 50-150         |  | S-12669624-23/06/25-RB-MW25-18-0-2 | 0.00040 UJ          | mg/kg |
| WT2516796       | Pesticides | S-12669624-23/06/25-RB-MW25-18-0-2 | Heptachlor epoxide | 46.1       | 50-150         |  | S-12669624-23/06/25-RB-MW25-18-0-2 | 0.00040 UJ          | mg/kg |

## Notes:

MS - Matrix Spike

UJ - Not detected; associated reporting limit is estimated

Table 5

**Qualified Sample Data Due To Variability In Field Duplicate Results**  
**Soil Sampling**  
**Infrastructure Ontario - William Halton Pkwy West**  
**Oakville, Ontario**  
**June 2025**

| Lab Report # | Parameter | Analyte                       | Diff  | Sample ID                              | Qualified Result | Field Duplicate Sample ID          | Qualified Result | Units |
|--------------|-----------|-------------------------------|-------|----------------------------------------|------------------|------------------------------------|------------------|-------|
| WT2516796    | SAR       | Sodium adsorption ratio (SAR) | >2xRL | S-12669624-24/06/25-RB-BH25-17-0-2     | 0.35 J           | S-12669624-24/06/25-RB-DUP 4       | 0.74 J           | none  |
| WT2517131    | Metals    | Mercury                       | >2xRL | S-12669624-250625-RB-BH25-12-2.5'-4.5' | 0.0457 J         | S-12669624-250625-RB-DUP 6         | 0.0191 J         | mg/kg |
| WT2517131    | SAR       | Magnesium (soluble)           | >2xRL | S-12669624-250625-RB-DUP 7             | 0.63 J           | S-12669624-260625-RB-BH25-09-0'-2' | 2.37 J           | mg/L  |

## Notes:

Diff - Difference (i.e., &gt;2x RL for soil samples)

RL - Reporting limit

J - Estimated concentration

SAR - Sodium Adsorption Ratio



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