PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

PREPARED FOR:
1816986 Ontario Inc.
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Victoria, BC, V8W 1H2

ATTENTION:
Chadi Beydoun

340 Burnhamthorpe Road East and 3437 Trafalgar Road Oakville, Ontario

Grounded Engineering Inc.
File No. 25-069
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Glossary

ABNs	acid-base neutral compounds
APEC	area(s) of potential environmental concern, as defined in O. Reg. 153/04, “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 (a) identification of past or present uses on, in or under the phase one property, and (b) identification of potentially contaminating activity”
As	arsenic, a hydride-forming metal
AST	above ground storage tank
B-HWS	boron (hot water soluble)
BTEX	benzene, toluene, ethylbenzene, and xylenes
CN^-	cyanide
COPC	contaminant(s) of potential concern
CPs	chlorophenols
Cr	chromium
Cr (VI)	hexavalent chromium
CSM	conceptual site model
EC	electrical conductivity
ECA	Environmental Compliance Approval
ERIS	Environmental Risk Information Services
ESA	environmental site assessment
FIP	fire insurance plan
FOI	freedom of information
ha	hectare(s)
Hg	mercury
km	kilometre(s)
L	litre(s)
m	metre(s)
Metals	O. Reg. 153/04 regulated metals as per Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the *Environmental Protection Act*
mASL	metres above sea level
mBGS	metres below ground surface
MND	Ministry of Northern Development
MoM	Ministry of Mines
MNR	Ministry of Natural Resources (formerly MNRF)

MECP	Ministry of the Environment, Conservation and Parks
NPRI	National Pollutant Release Inventory
N/S	not specified in Table 2, Schedule D, of O. Reg. 153/04
Na	sodium
OCs	organochlorine pesticides
O. Reg. 153/04	Ontario Regulation 153/04 Records of Site Condition, as amended
O. Reg. 347	R.R.O. 1990, Regulation 347 General – Waste Management, as amended
ORP	other regulated parameter(s) per Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the *Environmental Protection Act*
PAH	polycyclic aromatic hydrocarbon
PCA	potentially contaminating activity, as defined in O. Reg. 153/04, “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”
PCB	polychlorinated biphenyl
PHC	petroleum hydrocarbon
PIN	property identification number
QA	quality assurance
QC	quality control
QP_{ESA}	Qualified Person for ESAs per O. Reg. 153/04
RA	risk assessment
RSC	Record of Site Condition
SAR	sodium adsorption ratio
Sb	antimony, a hydride-forming metal
SCS	Site Condition Standard
Se	selenium, a hydride-forming metal
THM	trihalomethane
TSSA	Technical Standards and Safety Authority
UST	underground storage tank
VOC	volatile organic compound(s)

1 Executive Summary

1816986 Ontario Inc. (“Westerkirk” or “Client”) retained Grounded Engineering Inc., to complete a Phase One Environmental Site Assessment for the municipal addresses of 340 Burnhamthorpe Road East and 3437 Trafalgar Road, Oakville, Ontario (Property or Site). The Property location is presented in Figure 1.

This Phase One ESA has been prepared in accordance with Ontario Regulation (O.Reg.) 153/04. The Phase One ESA was completed in support of a Record of Site Condition as the Property would be changing to a more sensitive land use (Residential).

Based on records review, the Property was first developed for residential land use prior to 1934, and included historical uses as agricultural lands, a driving range/golf centre, and residential dwellings. At the time of the site reconnaissance, the Property was in use as Agricultural, Commercial, and Residential lands. The Property is rectangular in shape with an area of approximately 20.2 ha. The Property is currently developed with a golf centre, agricultural fields, and abandoned residential houses. The Phase One Property is presented in Figure 2. The Property is currently in Agricultural, Commercial, and Residential use, as defined by O. Reg. 153/04.

The Phase One ESA has identified the following PCAs contributing to APECs on the Property:

- **On-Site:**
  - Possible importation of fill material of unknown quality on the Property for the berms/tee-off areas.
  - Historical use of pesticides on agricultural fields and driving range on the Property.
  - Use of de-icing substances (salt) on the Property and on the adjacent roadways.
  - One (1) AST for heating oil associated with the house at the northwest corner of 340 Burnhamthorpe Road East.
- **Off-site:**
  - Metal treatment from The Welding Institute of Canada which operated north of the Property from 1985 to 1998.

Based on the results of the Phase One ESA, a Phase Two ESA completed in accordance with O.Reg.153/04 is recommended to investigate the APECs identified. Therefore, a Phase Two ESA is required prior to the filing of an RSC.

2 Introduction

1816986 Ontario Inc. ("Westerkirk" or "Client") retained Grounded Engineering Inc., to complete a Phase One Environmental Site Assessment for 340 Burnhamthorpe Road East and 3437 Trafalgar Road, in Oakville, Ontario. (Property or Site). The Property location is presented in Figure 1.

The Property is rectangular in shape with an area of approximately 20.2 ha. The Property is currently developed with a golf centre, agricultural fields, and abandoned residential houses. The Phase One Property is presented in Figure 2. The Property is currently in Agricultural, Commercial, and Residential use, as defined by O. Reg. 153/04.

Westerkirk has indicated that the Property will be developed with a new residential subdivision comprised of various building blocks, inclusive of mid-rise to potentially high-rise buildings and underground parking beneath each building block. Grounded understand that the proposed property use is Residential, as defined by O. Reg. 153/04.

Municipal Address	340 Burnhamthorpe Road East and 3437 Trafalgar Road
Legal Description	340 Burnhamthorpe Road East: Part Lot 12, Con 1, Trafalgar (NDS) as in 714764 & 709598, Ex Pts 2 & 3, 20R11324 3437 Trafalgar Road**:** Part lot 12 Con 1 Trafalgar (NDS) as in 759281
PIN(s)	340 Burnhamthorpe Road East: 24930-0002 (LT) 3437 Trafalgar Road**:** 24930-0003 (LT)
Assessment Roll Number	340 Burnhamthorpe Road East: 24010100201210000000 3437 Trafalgar Road**:** 2401010020121010000**0**
Area	20.2 ha
Current Land Use	Agricultural, Commercial, and Residential
Property Owner Information	1816986 Ontario Inc.
Entity Who Requested Phase One	1816986 Ontario Inc.

3 Scope of Investigation

The Phase One ESA includes the following components:

- Records review of historical and current occupancies and activities on the Property and Phase One Study Area.
- Interviews with available personnel with knowledge of the historical and current activities on the Property.
- Site reconnaissance of the Property and Study Area to identify potential environmental concerns based on observations of current uses, and potentially contaminating activities at the Property and in the Study Area.
- Evaluation of information from records review, interviews and site reconnaissance and synthesis into a CSM.

4 Records Review

Below is a summary of the records review undertaken by Grounded as part of this Phase One ESA. The records review provides Property information regarding the physical setting, history of development, and property use in connection with the Site and adjacent properties.

The following information sources were used to obtain these records:

- An ERIS standard report was obtained for the Site and lands within a 250-m radius of the Site. A copy of the ERIS report is provided in Appendix E. Searches of databases and records not included in the ERIS report were conducted specifically for the Property, as referenced in the applicable sections below.
- A chain-of-title search for the Property was completed, a copy of which is included as Appendix C.
- ERIS was retained to complete a city directory search for the Site and properties within the Phase One Study Area. The search completed by ERIS is provided in Appendix C.
- Freedom of information requests were submitted to the MECP as well as to the Town of Oakville for a search of environmental records for the subject property. Copies of the requests, the response, and any documents obtained are included in Appendix F.
- Information and records were requested from the TSSA. Copies of the request, the response, and any documents obtained are included in Appendix F.
- Aerial photographs of the Property and surrounding Study Area were obtained from ERIS and Google Earth. Copies of the aerial photographs are provided in Appendix G.

4.1 General

The PCAs inferred in the Study Area from the review of the following information sources, if any, are summarized in Table 2.

4.1.1 Phase One Study Area Determination

The Phase One Study Area includes the properties that are, wholly or partly, located within a 250-m radius from the Property boundary.

The Study Area is presented in Figure 3.

4.1.2 First Developed Use Determination

The determination of the date of the first developed use of the Property is based on review of the available historical records as summarized in the Table of Current and Past Uses (Table 1).

Review of the available data indicates that the first developed use of the Property likely occurred prior to 1934 as agricultural lands and a residential dwelling.

4.1.3 Fire Insurance Plans

There were no FIPs available for review for the Property and Study Area. Adequate information was provided by other sources and the absence of FIPs does not affect the validity of the Phase One ESA and the CSM.

4.1.4 Chain-of-Title

Chains-of-title dating back to transfer from Crown were available for review for the Property. The search identified that the Property was transferred from the Crown in 1810. The Property was subsequently owned by private individuals from 1810 to 1989 (340 Burnhamthorpe Road East) and 2006 (3437 Trafalgar Road), and by corporate entities from 1989 (340 Burnhamthorpe Road East) and 2006 (3437 Trafalgar Road) to present. The Property is currently owned by 1816986 Ontario Inc. since 2010.

The chains-of-title, where available, are presented in Appendix C and summarized in Table 1.

4.1.5 City Directories

Available City Directories were reviewed for the Property and adjacent properties.

The Property uses inferred from the city directories, when available, are summarized in Table 1. The full search results for the Property and the Study Area can be found in Appendix D.

4.1.6 Environmental Reports

No environmental reports were available for review for the Property.

4.2 Environmental Source Information

The environmental sources listed below were searched as part of the Phase One ESA. A copy of the ERIS report is included in Appendix E and the regulatory information requests and responses are provided in Appendix F.

Source of Information	Response
Environmental Risk Information Services Ltd. (ERIS)	The ERIS report tabulates the results of a search of provincial, federal, and private source databases (as required by Paragraph 7, Section 3 (2) of O. Reg. 153/04), which are considered relevant in the identification of possible environmental risks. The ERIS Report identified three (3) records of environmental interest pertaining to the Property and thirty-four (34) records of environmental interest pertaining to properties within the Study Area.

Source of Information	Response
Ministry of the Environment, Conservation and Parks (MECP) PCB Storage Sites and Waste Disposal Sites	The MECP PCB Storage Sites and Waste Disposal Sites were searched through ERIS database. There were no PCB Storage Sites or Waste Disposal Sites identified on the Property or within the Study Area.
Technical Standards and Safety Authority (TSSA)	A response from the TSSA indicated that there are no records of fuel storage tanks in their database for the Property and adjacent properties. The TSSA response and list of addresses searched is provided in Appendix F
Areas of natural significance maintained by the Ministry of Natural Resources	See Section 4.3.4 for details on the Natural Heritage Inventory.
Freedom of Information (FOI)	A response from the MECP to the FOI request was received June 17, 2025 stating that after a thorough search through the ministry files, no records were located responsive to the request.

The PCAs inferred in the Study Area from the review of the following environmental sources, if any, are summarized in Table 2.

4.3 Physical Setting Sources

The PCAs inferred in the Study Area during the review of the following physical setting sources, if any, are summarized in Table 2.

4.3.1 Aerial Imagery

Aerial photographs and satellite imagery were reviewed as part of the Phase One ESA. The developmental chronology of the Property and the Study Area is summarized below and presented in Appendix G.

Year	Source	Property	Study Area
1934	ERIS	The Property appeared to mainly be in use as agricultural fields and developed with residential and agricultural buildings in southwestern potion of the Property.	The surrounding area appeared to be used for agricultural purposes.
1946	ERIS	An apparent drainage ditch was advanced through the central portion of the property from Trafalgar Road. The northwestern corner appears to be in the process of development.	No significant changes.
1965	ERIS	A new residential structure was developed on the northwestern portion of the Property. A depression indicating a possible pond has formed in the central portion of the property south adjacent to the possible drainage ditch.	A property to the north across Burnhamthorpe Road East has been developed with an institutional building.

Year	Source	Property	Study Area
1970	ERIS	No significant changes.	No significant changes.
1985	ERIS	No significant changes.	Additional commercial buildings were developed to the west. An additional institutional building was developed to the north of the Property.
1995	Satellite image from Town of Oakville	No significant changes.	No significant changes.
2002	Satellite image from Town of Oakville	The northwestern half of the Property was under development to be used as a golf centre.	No significant changes.
2007	Satellite image from Town of Oakville	The golf centre appears to be complete with a minigolf course in the northwestern portion of the Property. The depression in the central portion of the Property appears to be filled with water.	Additional commercial buildings have been developed to the west.
2015	Satellite image from Town of Oakville	The agricultural building on the southeastern portion of the Property appears to have been demolished, while the residential building remains.	An agricultural building to the southwest of the Property had been demolished.
2019	Satellite image from Town of Oakville	No significant changes.	Additional parking has been added north of the institutional buildings to the north.
2023	ERIS	No significant changes.	No significant changes.
2025	Satellite image from Town of Oakville	No significant changes.	No significant changes.

4.3.2 Topography, Hydrology, Geology

The MNRF and MNDM database were searched to obtain topographic and geological maps of Ontario for review. The maps are provided in Appendix H and the information obtained are summarized below:

Physiographical Records	Information
Topographic Maps	The approximate elevation of the Property is 179 to 184 mASL and is relatively flat, with a slight slope towards the east.

Physiographical Records	Information
Hydrological Maps	The nearest body of water is a small, unnamed pond located in the central portion of the Property. The next nearest waterbody is a small tributary of Joshua's Creek, located 139 m northwest of the Property. Lake Ontario is located approximately 8.2 km southeast of the property. Surface water flow is expected to flow to the drainage ditches located adjacent to the Property along Trafalgar Road and Burnhamthorpe Road East, and to the east across the agricultural fields on the Property. Groundwater is expected to flow to the east, towards Joshua Creek, and ultimately south to Lake Ontario.
Geological Maps	Overburden: Silty clay to clayey silt diamicton (Halton Till). Bedrock: Queenston Formation comprised shale, limestone, dolostone, siltstone. Depth to Bedrock: Based on the historical well records for the Property, bedrock is located approximately 9.1 m below ground surface.

4.3.3 Fill Materials

In the northern portion of the property near Burnhamthorpe Road East, various small stockpiles within the Property boundary were observed. Additionally, berms are located on the northwestern portion of the Property that have been built up for golfers to tee off from. This was observed in the June 2024 Google Street View images and in the survey. The source of the stockpiled soil and soil used for the berms is unknown.

4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information

Maps from MNRF were reviewed to determine if water bodies were present on the Property and within the Study Area. The MNRF Natural Heritage Information Centre database for ANSIs was also reviewed as part of the Phase One ESA. The maps are provided in Appendix H and the information is summarized below:

Conservation Authority	A response from the Halton Conservation Authority indicates that the Property is located within its jurisdiction, and that a small (approximately 306 m^2) portion of the northern part of the Property falls within a regulated area.

Water Bodies	**Property:**
	▪ A small pond is located on the Property approximately 110 m northeast of the Trafalgar Road curbline, and approximately 305 m southeast of the Burnhamthorpe Road East curbline.
	▪ An inferred drainage ditch enters the Property from Trafalgar Road, approximately 245 m southeast of Burnhamthorpe Road East.
	Study Area:
	▪ The following water bodies are located within the Study Area:
	  ▪ Joshua's Creek, located approximately 139 m north of the Property.
	  ▪ Morrison Creek, located approximately 256 m south of the Property. Although this is beyond the 250 m radius, the creek is located within lands that are partially within 250 m of the Property boundary and have therefore been included.

Wetlands	**Property:** ▪ There are no Provincially Significant, Non-Provincially Significant, or Unevaluated wetlands located on the Property. **Study Area:** ▪ The following wetlands are located within the Phase One Study Area: ▪ Oakville-Milton Wetlands and Uplands located approximately 253 m southwest of the Property. Although this is beyond the 250 m radius, these are located within lands that are partially within 250 m of the Property boundary and have therefore been included.

ANSIs	List of ANSIs searched:
	
	▪ An area reserved or set apart as a provincial park or conservation reserve under the Provincial Parks and Conservation Reserves Act, 2006.
	▪ An area of natural and scientific interest (life science or earth science) identified by the Ministry of Natural Resources as having provincial significance.
	▪ A wetland identified by the MNRF as having provincial significance.
	▪ 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.
	▪ 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.
	▪ An area identified by the MNRF as significant habitat of a threatened or endangered species.
	▪ An area which is habitat of a species that is classified under section 7 of the Endangered Species Act, 2007 as a threatened or endangered species.
	▪ 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.
	▪ An area set apart as a wilderness area under the *Wilderness Areas Act*.
	
	Property:
	
	▪ The following ANSIs were identified on the Property:
	  ▪ The Property is listed to be a habitat of the Eastern Meadowlark (Sturnella magna), listed as a threatened species.
	Study Area:
	
	▪ The following ANSIs were identified wholly or partly within the Study Area:
	  ▪ Oakville-Milton Wetlands and Uplands located approximately 253 m southwest of the Property. Although this is beyond the 250 m radius, these are located within lands that are partially within 250 m of the Property boundary and have therefore been included.
	  ▪ The Study Area is listed to be a habitat of the Eastern Meadowlark (Sturnella magna) which is a bird listed as a threatened species, and the Redside Dace (Clinostomus elongatus) which is a fish listed as an endangered species.

Well-Head Protection Area	The Property is not located within an area designated in the official plan of the municipality as a well-head protection area or another area designated in the official plan as an area for the protection of groundwater.

Municipal Drinking Water System	The Property and some, but not all, of the properties within the Study Area are supplied by a municipal drinking water system, as defined in the Safe Drinking Water Act, 2002.
Potable Wells	There is a potable water well located on the Property and within the Study Area.

4.3.5 Well Records

The MECP well records database was accessed online and through ERIS search. The well records located on the Property and in the Study Area were identified. The comprehensive well record is provided in Appendix I and is summarized below:

Well Records	**Property:** ▪ 4 Monitoring wells ▪ 1 Well (Not Used) ▪ 1 Domestic Well (installed in 1987 and reported dry) **Study Area:** ▪ 4 Domestic wells ▪ 4 Monitoring wells ▪ 2 Not used wells ▪ 2 Public wells ▪ 1 Livestock / Domestic Wells ▪ 3 Unknown wells
Stratigraphy	Based on the well record for the potable well on the Property: ▪ 0 to 2.7 mbgs- Brown clay with fine gravel, loose ▪ 2.7 to 5.2 mbgs - Grey clay with fine gravel, loose ▪ 5.2 to 5.8 mbgs - Red Clay, Sandy fine gravel, loose ▪ 5.8 to 6.4 mbgs - Brown Sand, fine gravel, loose ▪ 6.4 to 7.3 mbgs - Grey sand, packed ▪ 7.3 to 9.1 mbgs - Grey clay, coarse gravel, loose ▪ 9.1 to 15.2 mbgs - Red shale, hard
Depth to Bedrock	Bedrock was encountered at 9.1 mbgs on the Property, and 7.6 to 27.7 mbgs in the Study area as per the well records.
Depth to the Water Table	6.1 to 19.8 mbgs

5 Site Operating Records

There were no site operating records provided or available for review.

6 Interviews

Interviewee(s)	Chadi Beydoun Director, Property Development 1816986 Ontario Inc.	Jeff Hadfield Part-Owner, Vic Hadfield Golf & Learning Centre
Date of Interview	May 16, 2025	May 26, 2025
Location and Methods of Interview	Video Call	In Person
Justification for Selection	Mr. Beydoun has been involved with this Property for over 2 years	Mr. Hadfield has been involved with this Property for over 22 years
Relevant Information concerning Potentially Contaminating Activities	▪ Current operations at the Property include a golf centre. The agricultural fields are no longer tended to and the house on the southeastern portion of the Property has been abandoned for years. ▪ The Property was historically used for agricultural and residential purposes. ▪ To their knowledge the Property has not been used, past or present, for: ○ industrial operations ○ on-site dry cleaning, ○ fuel distribution or storage, ○ vehicle servicing and/or maintenance ▪ No bulk storage of chemicals or hazardous products at the Property other than potential pesticides used historically for agriculture or at the golf centre. ▪ No knowledge of existing or historical underground/above grade tanks. ▪ Property is not considered a waste generator with the MECP. ▪ No knowledge of the property being a registered PCB storage facility. ▪ No knowledge of spills or leaks of any kind at the Property. ▪ No knowledge of wastewater produced at the Property. ▪ No knowledge of air emissions produced at the Property. ▪ No knowledge of any public agency investigations at the Property.	▪ Current operations at the Property include a golf centre. ▪ The property was historically used for agricultural and residential purposes. ▪ To his knowledge the Property has not been used, past or present, for: ○ industrial operations ○ on-site dry cleaning, ○ fuel distribution or storage, ○ vehicle servicing and/or maintenance ▪ No bulk storage of chemicals or hazardous products at the Property other than gas stored in Jerry cans in small quantities. ▪ No knowledge of existing or historical underground/above grade tanks with the exception of the heating oil tank located in the northwest corner of the basement at 340 Burnhamthorpe Road East. The heating oil tank was replaced in 2019 and was reportedly replaced due to the age of the previous tank. No spills or issues with the new or previous tank were known. ▪ Property is not considered a waste generator with the MECP. ▪ No knowledge of the property being a registered PCB storage facility. ▪ No knowledge of spills or leaks of any kind at the Property. ▪ No knowledge of wastewater produced at the Property. ▪ No knowledge of air emissions produced at the Property. ▪ No knowledge of any public agency investigations at the Property.

Assessment of the Validity of Information from Interviewee	The information gleaned from the interviewee was consistent with the background information reviewed as part of this Phase One ESA.	The information gleaned from the interviewee was consistent with the background information reviewed as part of this Phase One ESA.

The PCAs inferred from the interview(s) conducted for the Property, if any, are summarized in Table 2.

Information gleaned from the interviewee has been incorporated into the ESA and CSM.

7 Site Reconnaissance

A site reconnaissance of the Property consisted of detailed non-destructive visual assessment of the Property including exterior and interior portions of any existing buildings on-site, documentation of any areas of potential environmental concern and illustration of relevant structures. Property features are displayed in Figure 2 and site photographs are presented in Appendix J. The results of the site reconnaissance are provided below.

The PCAs inferred in the Study Area during the site reconnaissance, if any, are summarized in Table 2.

7.1 General Requirements

Date and Time of Investigation	7:30 am, May 26, 2025
Weather Condition	15°C, Sunny
Duration of Investigation	5 hours
Was the Facility Operating at the Time of Investigation?	Yes, the northern half of the property was in operation as a golf centre.
Name and Qualifications of the Person Conducting the Investigation	Kristen Shaver, M.Sc., P.Geo., QP_{ESA}

7.2 Specific Observations at Phase One Property

Three (3) buildings were observed on the Property. The abandoned house at 340 Burnhamthorpe Road East had its roof caved in, as shown in Photograph 4, and was not entered for safety reasons. This house was observed to the extent practicable from the exterior. The abandoned house at 3437 Trafalgar Road was entered from the side door and moderately inspected, however as shown in Photograph 11, a room was observed to have the floor caved in and filled with appliances from vandals. As such, the building was exited and observed to the extent practicable from the exterior.

7.2.1 General Description

Building	Abandoned house at 3437 Trafalgar Road	Abandoned house at 340 Burnhamthorpe Road East	House at 340 Burnhamthorpe Road East
GENERAL DESCRIPTION			
Above Grade Levels	2	2	1.5

Building	Abandoned house at 3437 Trafalgar Road	Abandoned house at 340 Burnhamthorpe Road East	House at 340 Burnhamthorpe Road East
Below Grade Levels	Possibly 1	0	1
Building Use	Abandoned residential house	Abandoned residential house	In use for golf centre business
Exterior Building Construction	Stucco exterior. Roof appeared to be asphalt shingles.	Stucco and wood exterior. Roof appeared to be asphalt shingles.	Block framed, stucco exterior. Roof appeared to be asphalt shingles.
Interior Building Construction	▪ Wood floors ▪ Plaster and tiled walls ▪ Plaster ceilings ▪ No lighting observed	▪ Possibly concrete floors, but covered in debris ▪ Plaster walls ▪ Plaster ceilings ▪ No lighting observed	▪ Concrete, tile, and wood floors ▪ Plaster, wood panelling, and concrete block walls ▪ Plaster ceilings ▪ Incandescent and ballast lighting
Above Ground Storage Tanks (AST)	None observed, however basement (if present) was not entered for safety reasons.	None observed	One (1) Roth Industries EcoDWT Plus 3 Heating Oil Storage Tank with a 620 L capacity, installed in 2019. This was located in the basement of the house in the southwest corner. Vent pipes were observed on the exterior wall in the corresponding location facing Burnhamthorpe Road East.
Underground Storage Tanks (UST)	None observed	None observed	None observed
Potable and Non-potable Water Sources	As the Property is abandoned, there are no sources of water supplied to the Property.	As the Property is abandoned, there are no sources of water supplied to the Property.	There was a pipe from a possible previous well north of the building, however the part-owner of the golf centre indicated it was never used in the 22 years they were involved with the property, and the water is supplied via a cistern, located above ground west of the building.
UNDERGROUND UTILITIES			
Hydro	No hydro lines observed.	No hydro lines observed.	Overhead hydro enters the Property via the north from Burnhamthorpe Road East.
Gas	No gas supply observed.	No gas supply observed.	As confirmed with the golf centre, no gas is supplied to the Property.

Building	Abandoned house at 3437 Trafalgar Road	Abandoned house at 340 Burnhamthorpe Road East	House at 340 Burnhamthorpe Road East
Communication	No communication lines observed.	No communication lines observed.	A buried communication line enters the Property via the west at the corner of Burhnamthorpe Road East and Trafalgar Road.
Electrical/Outdoor Lighting	No electrical lines observed.	No electrical lines observed.	No other electrical lines or outdoor lighting was observed.
Storm Sewer	No storm sewers were observed on the Property. Ditches lined the Property along Trafalgar Road and Burnhamthorpe Road East.	No storm sewers were observed on the Property. Ditches lined the Property along Trafalgar Road and Burnhamthorpe Road East.	No storm sewers were observed on the Property. Ditches lined the Property along Trafalgar Road and Burnhamthorpe Road East.
Sanitary Sewer	No manholes or mains were observed.	No manholes or mains were observed.	No sanitary sewers were observed on the Property. Golf Centre part owner confirmed that the washrooms run on a holding tank that is cleaned out.
Water Source	The house is abandoned, and no water source is apparent.	The house is abandoned, and no water source is apparent.	The Property is serviced with cistern water.
FEATURES AND STRUCTURES OF ON-SITE BUILDINGS			
Entry/Exits	1 entrance/exit along west side of building and 1 entrance/exit along north side of building.	2 entrances/exits along south side of building.	2 entrances/exits along north side of building and 2 entrances/exits along south side of building.
Heating & Cooling Systems	No heating or cooling system observed.	No heating or cooling system observed.	Forced air heating fueled by heating oil.
Drains, Pits, Sumps Observed	None observed.	None observed.	A sump was stated to be in the lower level of the building.
Unidentified Substances (Inside Buildings)	No evidence of unidentified substances that could influence the environmental conditions at the Property was observed.	No evidence of unidentified substances that could influence the environmental conditions at the Property was observed.	No evidence of unidentified substances that could influence the environmental conditions at the Property was observed.
Staining and Corrosion	No staining or corrosion was observed.	No staining or corrosion was observed.	No staining or corrosion was observed.

EXTERIOR FEATURES	
Wells	A domestic well was observed on the northern side of the golf center building. The golf center confirmed this well was not used in the 22 years they have been in operation at the Property. The well database identified this well as Well ID 2806640. Three monitoring wells were observed on the Property, however no records of these wells were identified.

Sewage Works	A holding tank for the washrooms at the golf center was stated to be on the Property. This was observed southwest of the building at 340 Burnhamthorpe East. The two abandoned buildings did not have any observed sewage works.
Ground Surface	The northern portion of the Property is grassed and landscaped. Along Burnhamthorpe Road East, there is a gravel parking lot. The southern half was agricultural, and surrounding the abandoned houses, the area was overgrown.
Railway Lines and Spurs	No railway lines or spurs were present on the Property or within the Study Area.
Stained Soil, Vegetation or Pavement	No stained soil, vegetation or pavement were observed at the Property.
Stressed Vegetation	No stressed vegetation was observed at the Property.
Areas where fill and debris materials appear to have been placed or graded	Numerous berms surrounding the driving range field were observed on the northern portion of the Property. Additionally, small soil stockpiles were observed on the northeastern portion of the Property.
Unidentified Substances (Outside Buildings)	No evidence of unidentified substances that could influence the environmental conditions at the Property was observed.

7.2.2 Enhanced Investigation Property

The Property is not considered to be an Enhanced Investigation Property.

7.3 Investigation of the Phase One Study Area

The site investigation includes an inspection of the Study Area (Study Area). The adjacent properties were identified below during the investigation.

Relative Direction	Adjacent Property Use	Study Area		
		Water Wells	Water Bodies	ANSI
North	Institutional (Burnhamthorpe Road East, Al-Falah Islamic Centre and Al-Falah Islamic School, ICNA Canada), vacant fields	Serviced by private wells and cisterns	None Observed	None Observed
South	Trafalgar Road, agricultural lands, vacant house	Serviced by private wells and cisterns	None Observed	None Observed
West	Commercial buildings (Rens Pets) and Trafalgar Road, vacant fields	Serviced by private wells and cisterns	None Observed	None Observed

Relative Direction	Adjacent Property Use	Study Area		
		Water Wells	Water Bodies	ANSI
East	Agricultural fields, abandoned residential houses	Serviced by private wells and cisterns	None Observed	None Observed

7.4 Written Description of Investigation

The qualified person confirms that the investigations carried out pursuant to sections 13 and 14 of O. Reg. 153/04. The details of each investigation and any findings that are relevant to the existence of an area of potential environmental concern are provided in Table 2 and in the above sections.

8 Review and Evaluation of Information

Through the evaluation of the Phase One records review, operating records for the Property (if available), information gleaned from interviews, and the observations from the site reconnaissance, we provide the following summary of:

- the current and historical uses of the Property
- potentially contaminating activities identified on-site and within the Study Area
- resulting areas of potential environmental concern at the Property

This information is synthesized into the Phase One Conceptual Site Model.

8.1 Current and Past Uses

A Table of Current and Past Uses of the Property, in a form approved by the Director with description of the current and past uses of the Property back to its first developed use, is provided in Table 1.

8.2 Potentially Contaminating Activity

PCAs identified on the Property or in the Study Area are summarized in Table 2 and a rationale for whether each PCA contributes to an APEC is also provided in Table 2, attached and its approximate location is shown on Figure 4.

8.3 Areas of Potential Environmental Concern

Based on review of the PCAs and site conditions, one or more PCAs are contributing to on-Site APECs. A table of Areas of Potential Environmental Concern in a form approved by the Director is provided in Table 3 and shown on Figure 5.

Uncertainties identified during the Phase One ESA site recognisance were as follows; however, these have not affected the validity of the CSM. The minor uncertainty relates to:

- An inability to enter the abandoned house in the central portion of the property. The roof of the small house had caved in, and it was determined that it would be unsafe to enter the structure. The house was observed from the outside and broken windows were looked through. The house did not appear to have a basement from the outside.
- An inability to enter the basement of the abandoned house on the southeastern portion of the Property (3437 Trafalgar Road). The structure possibly had a basement, however being in the house was determined to be a safety hazard and could not be observed.

8.4 Phase One Conceptual Site Model

Through analysis and interpretation of available information gathered during the Phase One ESA, a CSM was developed for the Phase One Property, which is provided in Appendix K.

9 Conclusions

A Phase One ESA was conducted for the property located at 340 Burnhamthorpe Road East and 3437 Trafalgar Road in Oakville, Ontario. It is understood that this Phase One ESA will be used to support the filing of an RSC.

9.1 Whether Phase Two Environmental Site Assessment Required Before Record of Site Condition Submitted

Based on the results of the Phase One ESA, a Phase Two ESA is required to support the filing of an RSC. We recommend completing a Phase Two according to O.Reg.153/04 to investigate the APECs identified in this Phase One ESA.

9.2 Record of Site Condition Based on Phase One Environmental Site Assessment Alone

An RSC cannot be filed based on this Phase One ESA alone.

9.3 Signatures

The Phase One ESA was conducted by Kristen Shaver, M.Sc., P.Geo., QP_{ESA}, under the supervision of Freesia Waxman, M.A.Sc., P.Eng., QP_{ESA}. The Phase One ESA has been conducted in accordance with Ontario Regulation 153/04.

We trust that this report meets your requirements.

For and on behalf of our team,

GROUNDED ENGINEERING

PROFESSIONAL GEOSCIENTIST
2026-03-24
KRISTEN SHAVER
PRACTISING MEMBER
3900
ONTARIO

Kristen Shaver, M.Sc., P.Geo., QP_{ESA}
Project Geoscientist

LICENSED PROFESSIONAL ENGINEER
2026-03-24
F. A. WAXMAN
100159640
PROVINCE OF ONTARIO

Freesia Waxman, M.A.Sc., P.Eng., QP_{ESA}
Senior Environmental Engineer

10 References

Armstrong, D.K. and J.E.P. Dodge. Palaeozoic Geology Map of Southern Ontario. Ontario Geological Survey, Miscellaneous Release--Data 219.

Brunton, F.R. and Dodge, J.E.P. 2008. Karst of southern Ontario and Manitoulin Island; Ontario Geological Survey, Groundwater Resources Study 5.

Chapman, L.J. and Putnam, D.F. 2007. Physiography of southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 228.

Ontario Geological Survey 2000. Quaternary geology, seamless coverage of the Province of Ontario; Ontario Geological Survey, Data Set 14---Revised.

Ontario Geological Survey 2010. Surficial geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release---Data 126-Revision 1.

Town of Oakville – Air photo History Maps. Accessed: April 29, 2025
https://exploreoakville.maps.arcgis.com/apps/webappviewer/index.html?id=2c34b6638eb74be599ae7e5c5c2173b8

11 Limitations and Restrictions

The assessment should not be considered a comprehensive investigation that eliminates all risks of encountering environmental problems. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by Grounded Engineering Inc. It was based on the conditions on the Phase One Property at the time of the site inspection supplemented by a review of historical information to assess the environmental conditions regarding the Phase One Property.

The Report is time-dependent. The Report was prepared on the date noted above and is representative of conditions at that time. We have not inspected site conditions since that date. We cannot comment and make no representations regarding any other changes that may have occurred to the site or surrounding lands, and the impact that these changes may have had on the condition of the property, and/or the conclusions and recommendations of the Report. No use or reliance upon the report shall occur after 12 months from the date of the Report.

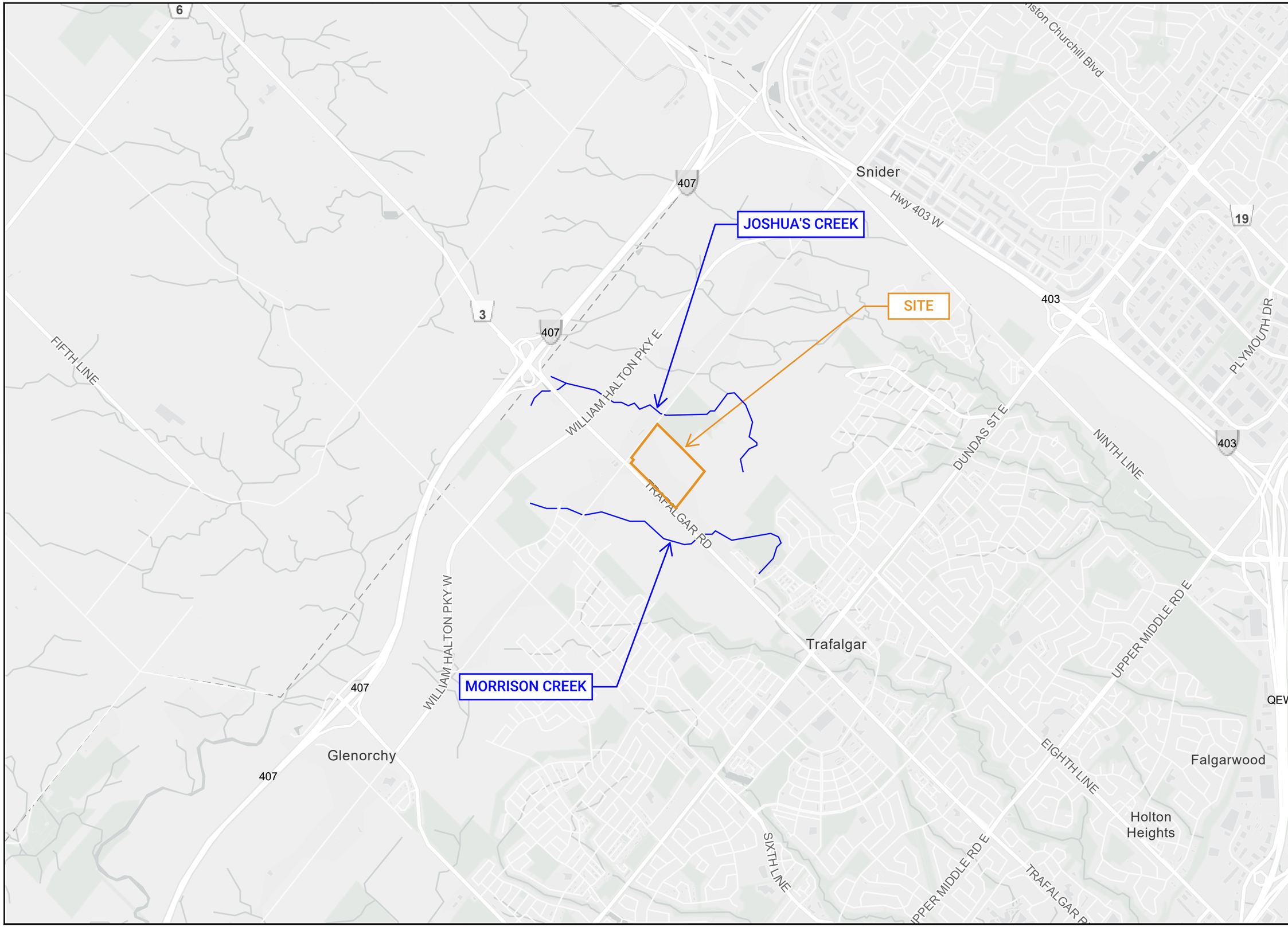
Sampling and analysis of soil, groundwater or any other material was not carried out as part of the Phase One Environmental Site Assessment. As a result, the presence and/or extent of any adverse environmental impact cannot be confirmed. The potential for environmental liability and/or environmental impact is an opinion as a result of the scope of this assessment.

In assessing the environmental conditions and history of the Phase One Property, Grounded Engineering Inc. has relied on information provided by others, as noted in this report, and has assumed that the information provided by those individuals is factual and accurate. Grounded Engineering Inc. accepts no responsibility for any deficiency or inaccuracy in this report resulting from the information provided by those individuals.

If new information regarding the environmental condition of the Phase One Property is identified during future work, or outstanding responses from regulatory agencies indicate outstanding issues on file with respect to the Phase One Property, Grounded Engineering Inc. should be notified so that we may re-evaluate the findings of this assessment and provide amendments.

The authorized user of this report is Westerkirk, for whom this report has been prepared.

FIGURES



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- WATERBODY

Note

Reference

ArcGIS Online 2025

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

KEY PLAN

North

TRUE

PROJECT

Date

JUNE 2025

Scale

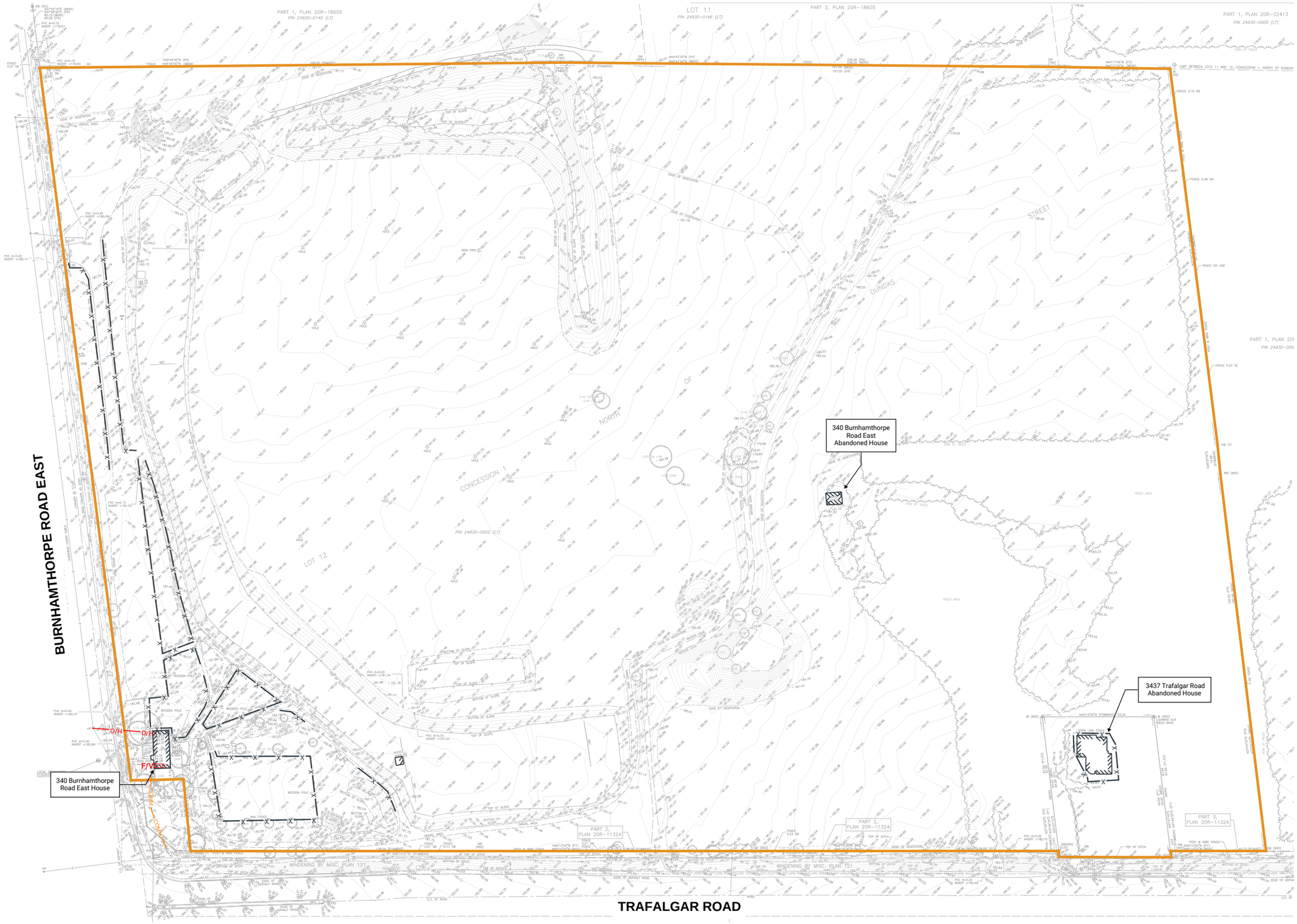
0m 500m 1000m

Job No

25-069

Figure No

FIGURE 1



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LEGEND

- PROPERTY BOUNDARY
- EXISTING BUILDING STRUCTURE
- FENCE LINE
- O/H — OVERHEAD HYDRO
- COMM — COMMUNICATION

Note

Utilities shown on this figure are shown for informational purposes only for the Phase One ESA, as outlined by O.Reg. 153/04. This is not an official locate and the information presented should not be relied upon.

Reference

Survey Drawing 24-30-276-00.
Dated February 11, 2025.
Prepared by J.D. Barnes Limited.
Received on May 7, 2025.

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

PHASE ONE PROPERTY

North

TRUE — PROJECT

Date

JUNE 2025

Scale

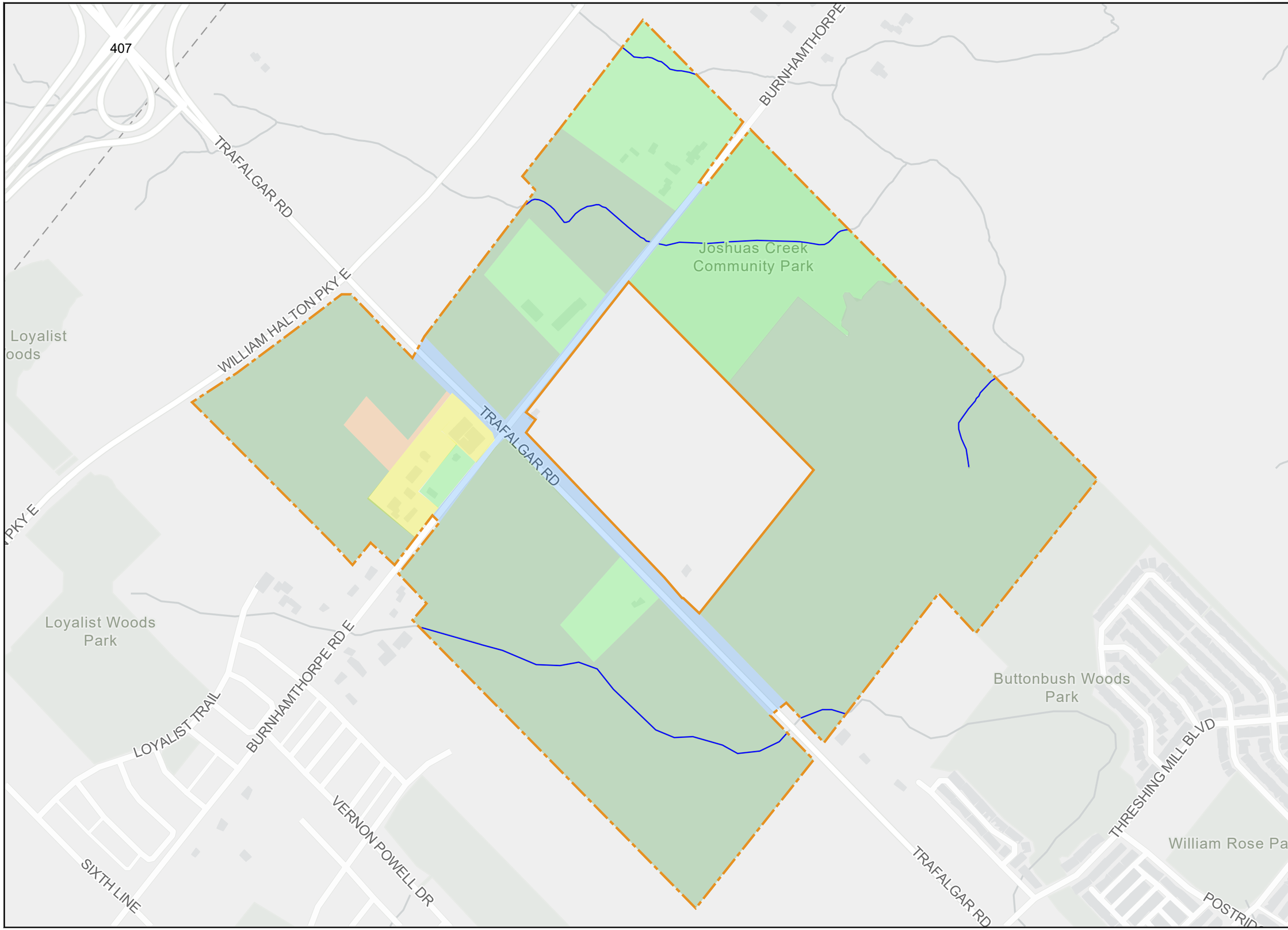
0m 25m 50m

Job No

25-069

Figure No

FIGURE 2



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- STUDY AREA (250 m RADIUS)
- WATERBODY
- AGRICULTURAL OR OTHER PROPERTY USE
- COMMERCIAL PROPERTY USE
- COMMUNITY PROPERTY USE
- INDUSTRIAL PROPERTY USE
- RESIDENTIAL, PARKLAND, AND INSTITUTIONAL PROPERTY USE

Note

Reference

ArcGIS Online 2025

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

PHASE ONE STUDY AREA

North

TRUE PROJECT

Date

JUNE 2025

Scale

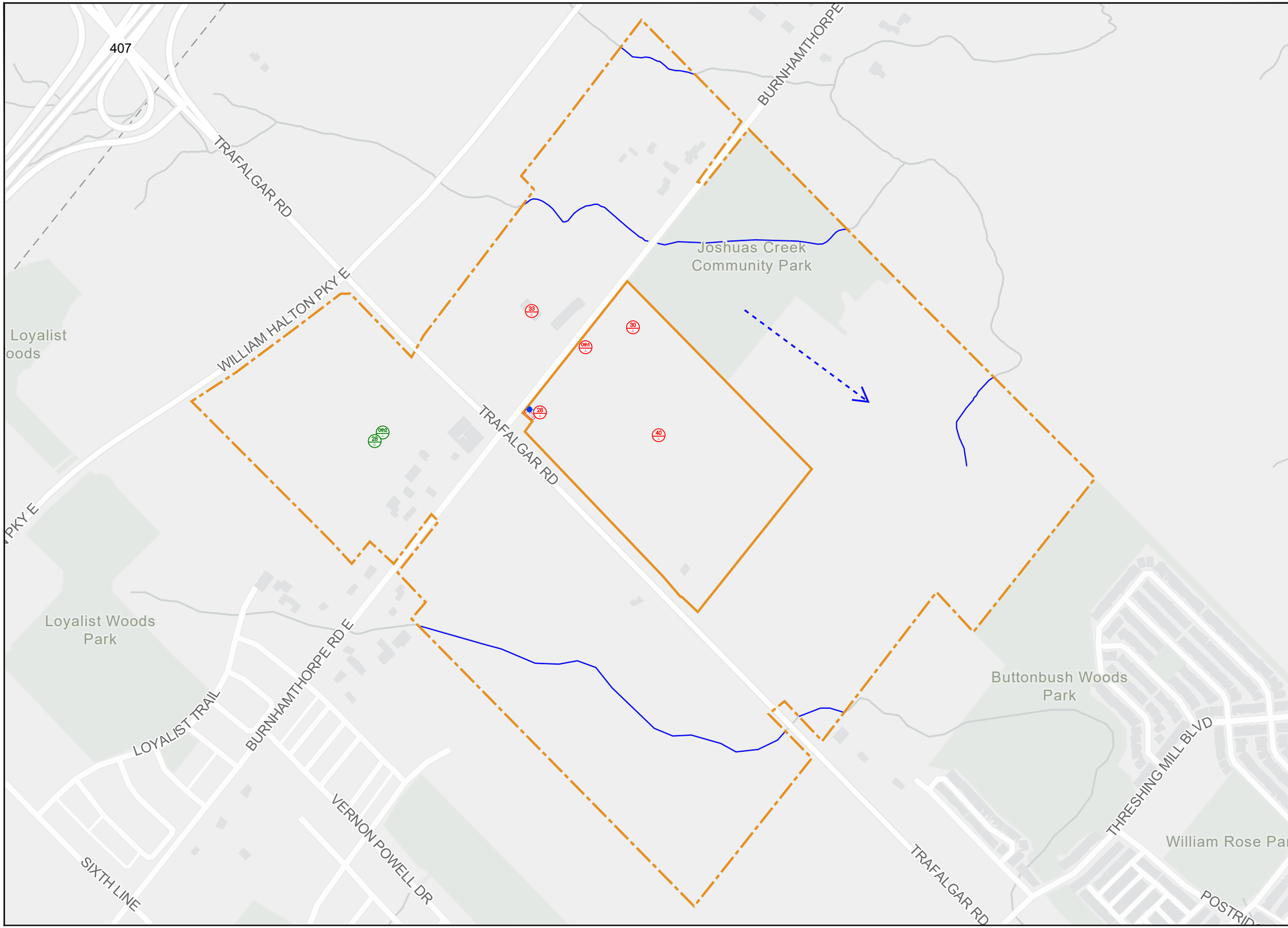
0m 100m 200m

Job No

25-069

Figure No

FIGURE 3



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- STUDY AREA (250 m RADIUS)
- WATERBODY
- ABOVEGROUND FUEL STORAGE TANK
- MECP WELL LOCATION
- INFERRED GROUNDWATER FLOW DIRECTION

28 – Gasoline and Associated Products Storage in Fixed Tanks
30 – Importation of Fill Material of Unknown Quality
33 – Metal Treatment, Coating, Plating and Finishing
40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
Other 1 – De-icing Activities
Other 2 – Ontario Spills

Note

GREEN - PCA NOT CAUSING APEC
RED - PCA CAUSING APEC

Reference

ArcGIS Online 2025

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

PCA LOCATIONS

North

TRUE
PROJECT

Date

JUNE 2025

Scale

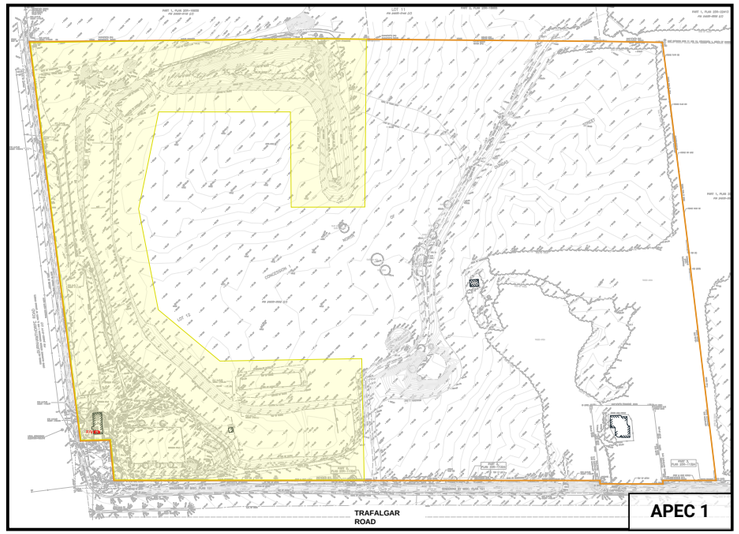
0m 100m 200m

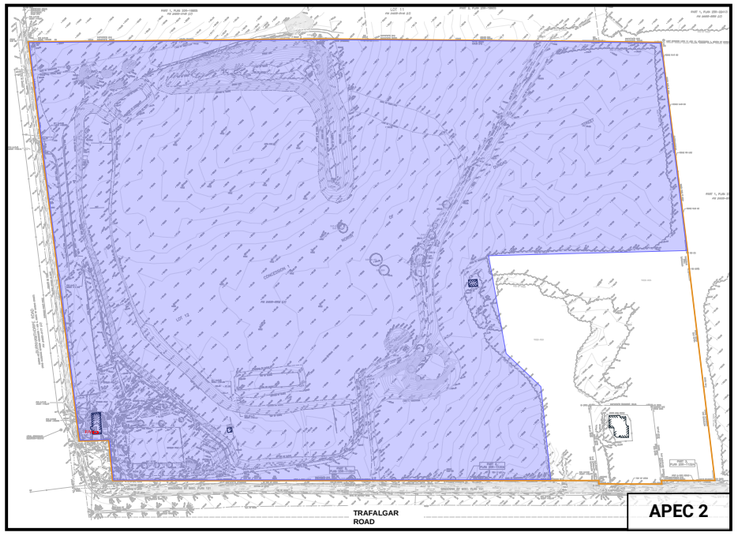
Job No

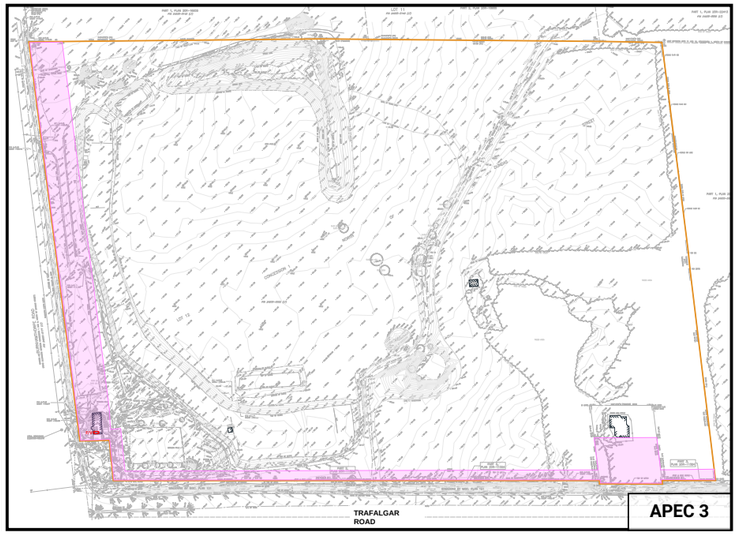
25-069

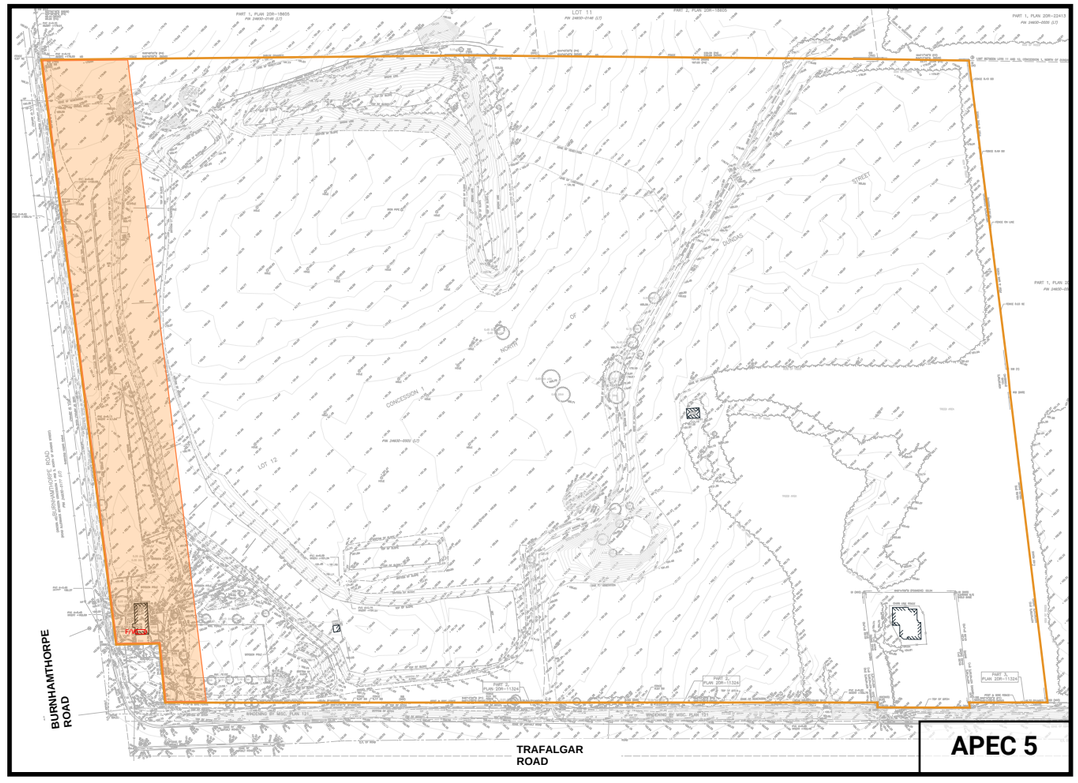
Figure No

FIGURE 4









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LEGEND

- PROPERTY BOUNDARY
- EXISTING BUILDING STRUCTURE
- APEC 1
- APEC 2
- APEC 3
- APEC 4
- APEC 5

Note

Reference

Survey Drawing 24-30-276-00.
Dated February 11, 2025.
Prepared by J.D. Barnes Limited.
Received on May 7, 2025.

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

APEC LOCATIONS

North

TRUE
PROJECT

Date

JUNE 2025

Scale

0m 25m 50m

Job No

25-069

Figure No

FIGURE 5

TABLES

TABLE 1: 24930-0002 (LT)
CURRENT AND PAST USES OF THE PHASE ONE PROPERTY
(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1810	Crown	Assumed undeveloped, most likely used as agricultural land	Assumed Agriculture or Other	No further information available.
1810 to 1810	Hugh Heward			
1810 to 1825	David Henessy			
1825 to 1826	Peter Henessy			
1826 to 1834	John Henessy			
1834 to 1839	Peter Henessy			
1839 to 1839	George Chalmers			
1839 to 1842	Michael Buck			
1842 to 1853	Michael Snyder			
1853 to 1871	John Clements			
1871 to 1872	Matthew Clements			
1872 to 1872	Patrick Tobin			
1872 to 1891	Edward M. Lernan			
1891 to 1891	William J. Clements			
1891 to 1891	Joseph K. Fisher			
1891 to 1897	Richard Bigger			
1897 to 1902	Annie E. Pell & William Pell			
1902 to 1908	David Turner			
1908 to 1909	George Joyce			
1909 to 1919	Albert Cunningham Bigger			
1919 to 1920	James A. Stephens			
1920 to 1923	Sybil M. Calverley			
1923 to 1927	Hugh Salvin Calverley			
1927 to 1927	Emily A. Stephens			
1927 to 1945	George Johnston	Agricultural fields	Agriculture or Other	1934 AP - The Property appeared to mainly be in use as agricultural fields
1945 to 1949	Agnes Kennedy Watson	Assumed residential building being developed in the northwest corner and agricultural fields	Residential	1946 AP: The property appears to be undergoing development in the northeast corner.
1949 to 1952	John B. Walsh	Assumed residential building being developed in the northwest corner and agricultural fields	Residential	No further information available.
1952 to 1956	Theadorus Gerbrandus De Wildt			
1956 to 1956	John Leveson Calverley and Frances Hazel Calverley			
1956 to 1964	Kenneth Bayliss			
1964 to 1981	Douglas Cameron Thomson	Residential building and agricultural fields	Residential	1965 AP: The property was developed with agricultural lands and a small house.
1981 to 1981	Patricia M. Gwyer	Residential building and agricultural fields	Residential	No further information available.
1981 to 1983	Canada Permanent Trust Company			
1983 to 1986	Linda R. Arnold	Residential building and agricultural fields	Residential	1985 AP: The property was developed with agricultural lands and one house.
1986 to 1988	Francis La Belle & Maryann La Belle - 1/2% and Clark Bannister - 1/2%	Residential building and agricultural fields	Residential	No further information available.
1988 to 1989	Luingina Taddeo Gino Bossio			
1989 to 1989	Lavis Inc.			
1989 to 1996	Lavis Inc.	Two residential buildings and agricultural fields	Residential	1995 SI: The property was developed with agricultural lands and two small houses.
1996 to 2007	Dkrt Investments Corp.	Two residential buildings, agricultural fields, and a golf centre/driving range.	Commercial	2002 SI: The western portion of the Property is being redeveloped to be used as a golf centre
2007 to 2010	833626 Ontario Limited	Two residential buildings, agricultural fields, and a golf centre/driving range.	Commercial	2007 AP: The golf centre is fully operational. Agricultural lands and two small houses are present. 2008 CD: Vic Hadfield Golf and Learning Centre in operation on the Property.
2010 to 2010	1518021 Alberta Ltd.	Two residential buildings, agricultural fields, and a golf centre/driving range.	Commercial	No further information available.
2010 to 2010	1816986 Ontario Limited			
2010 to Present	1816986 Ontario Inc.	Two residential buildings, agricultural fields, and a golf centre/driving range.	Commercial	2012, 2017, 2023 CD: Vic Hadfield Golf and Learning Centre in operation on the Property. 2025 AP: The property is operational as a golf centre, agricultural lands, and residential buildings.

Notes:
AP is aerial photograph
CD is city directory
ERIS is the ERIS report
SI is satellite imagery

For each owner, specify one of the following types of Property Use (as defined in O.Reg. 153/04) that applies:
Agriculture or Other, Commercial, Community, Industrial, Institutional, Parkland, Residential

TABLE 1: 24930-0003(LT)
CURRENT AND PAST USES OF THE PHASE ONE PROPERTY
(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1810	Crown	Undeveloped, most likely used as agricultural land	Assumed Agriculture or Other	No further information available.
1810 to 1810	Hugh Heward			
1810 to 1810	Duncan Cameron			
1810 to 1813	William Allen			
1813 to 1816	Jordan Post			
1816 to 1822	Ephrain Post			
1822 to 1840	James Thompson Exor For John Mitchell - Estate			
1840 to 1840	Archibald Thompson			
1840 to 1841	James Howard			
1841 to 1856	Arthur Greenhaus			
1856 to 1871	John Clement			
1871 to 1891	Matthew Clement			
1891 to 1891	William J. Clement			
1891 to 1909	Richard Bigger			
1909 to 1920	Albert Cunningham Bigger			
1920 to 1922	Sybil M. Calverley			
1922 to 1956	Hugh Salvin Calverley	Residential and agricultural buildings	Residential	1934 AP: The property was developed with an agricultural building and one house.
1956 to 1967	John Leveson Calverley & Frances Hazel Calverley	Residential and agricultural buildings	Residential	1965 AP: The property was developed with an agricultural building and one house.
1967 to 1991	Irene Posa & Andrew Posa	Residential and agricultural buildings	Residential	1985 AP: The property was developed with an agricultural building and one house.
1991 to 2006	Irene Posa	Residential and agricultural buildings	Residential	1995 SI: The property was developed with an agricultural building and one house.
2006 to 2010	833626 Ontario Limited	Residential and agricultural buildings	Commercial	2002 SI: The property was developed with an agricultural building and one house. 2007 SI: The property was developed with an agricultural building and one house.
2010 to 2010	1518021 Alberta Ltd.	Residential and agricultural buildings	Commercial	No further information available.
2010 to 2010	1816986 Ontario Limited	Residential and agricultural buildings	Commercial	No further information available.
2010 to Present	1816986 Ontario Inc.	Residential building	Commercial	2015 SI: The agricultural building was demolished 2025 SI: The property was developed with one residential building.

Notes:
AP is aerial photograph
SI is satellite imagery

For each owner, specify one of the following types of Property Use (as defined in O.Reg. 153/04) that applies:
Agriculture or Other, Commercial, Community, Industrial, Institutional, Parkland, Residential

TABLE 2:
SUMMARY OF POTENTIALLY CONTAMINATING ACTIVITIES
(Refer to Table 2, Schedule D, O. Reg. 153/04)

Location of PCA	Figure 2/4 Legend	PCA	Leads to an APEC?	Source	Description	Rationale
Phase One Property	30 A	30 - Importation of Fill Material of Unknown Quality	Yes (APEC 1)	Other Records Interview Site Visit	Berms were observed on the northern portion of the golf centre. There were also small soil stockpiles on the northeastern portion of the Property. This was observed via Google Street View imagery from June 2024 and the site survey, as well as during the site reconnaissance.	Fill of unknown quality was potentially identified at the Property. It us unclear whether the material used to create the berms for tee-off originated from on site material, or if material was imported to the Property. As such, this onsite PCA is considered to result in an APEC for the Property.
Phase One Property	40 A	40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes (APEC 2)	Aerials Interview	Agricultural use of the property was identified in the aerials from 1934 to 2025. The northern portion of the property was also more recently used as a golf centre/driving range since 2002, which may have included the use of pesticides historically being used on the Property. The interview also confirmed historical agricultural use, which may have included pesticide use.	Due to the on-site potential historical use of pesticides, this onsite PCA is considered to result in an APEC for the Property.
Phase One Property	Other1 A	Other1 - De-Icing	Yes (APEC 3)	Aerials	The aerials and site reconnaissance identified a parking area along the northern portion of the Property, and a historical driveway leading up the house at 3437 Trafalgar road, on the southern portion of the Property. Additionally, Trafalgar road borders the property to the south, and Burnhamthorpe road east borders the property to the north. Application of de-icing agents on the Property and adjacent to it is likely.	This ongoing onsite PCA results in an APEC on the Property due to the historical and ongoing application of substances (salt) to surfaces of the on-site parking areas as well as the off-site roadways for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.
Phase One Property	28 A	28 - Gasoline and Associated Products Storage in Fixed Tanks	Yes (APEC 4)	Interview Site Visit	During the site visit and through interviews, a heating oil tank was identified on the Property at the house in the northern portion of 340 Burnhamthorpe Road East. The heating oil tank had a capacity of 620 L and replaced a previous tank in the same location 2019, due to age. The tank and tray appeared in good condition and no staining around the tank was observed.	A heating oil tank was identified on the Property, and replaced a previous heating oil tank in the same location. This onsite PCA is considered to result in an APEC for the Property.
391 Burnhamthorpe Road East 49 m Northwest	33 A	33 - Metal Treatment, Coating, Plating and Finishing	Yes (APEC 5)	CD ERIS	The city directory and ERIS reports identified the Welding Institute of Canada in operation from 1985 to 1998 at the neighbouring address northwest of the Property. The ERIS report indicated waste generation of waste oils and lubricants.	The address to the northwest of the Property was historically occupied the Welding Institute of Canada. Based on the proximity and up-gradient location, this offsite PCA results in an APEC on the Property.
4030 Trafalgar Road 273 m West	28 B	28 - Gasoline and Associated Products Storage in Fixed Tanks	No	ERIS Other Records	The address is occupied by the Regional Municipality of Halton Water and Wastewater System Services and is reported to have waste generation of light fuels. In the August 2023 Google Street imagery, a fuel truck was identified at the location.	Based on the distance from the Property, it is in the opinion of the QP that this PCA is unlikely to cause an APEC on the Property.
4030 Trafalgar Road 273 m West	Other2 A	Other2 - Spills	No	ERIS	The ERIS report identified a spill of 3,000 L of diesel fuel at this location. The spill was the result of an overfill and attributed to human error. Receiving medium included land and surface water.	Based on the distance from the Property, it is in the opinion of the QP that this PCA is unlikely to cause an APEC on the Property.

TABLE 3:
TABLE OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
(Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04)

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Northern Portion of Property	30 Importation of Fill Material of Unknown Quality	Onsite	Metals As, Sb, Se B-HWS CN- Cr(VI) Hg PAHs PHCs BTEX VOCs	Soil & Groundwater Soil & Groundwater Soil Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater
APEC 2	Northern Portion of Property	40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Onsite	OCs	Soil, Groundwater, & Sediment
APEC 3	Northern and Western Portion of Property	Other1 De-Icing	Onsite	Na Cl- EC SAR	Groundwater Groundwater Soil Soil
APEC 4	Northwestern Portion of the Property	28 Gasoline and Associated Products Storage in Fixed Tanks	Onsite	Metals As, Sb, Se PAHs PHCs BTEX	Soil & Groundwater
APEC 5	Northern Portion of the Property	33 Metal Treatment, Coating, Plating and Finishing	Offsite	Metals As, Se, Sb CN- Cr (VI) Hg low pH	Soil & Groundwater

Notes:

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,

(a) identification of past or present uses on, in or under the phase one property, and

(b) identification of potentially contaminating activity.

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

3 - when completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for 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:

ABNs	Metals
CPs	As, Sb, Se
1,4-Dioxane	Na
Dioxins/Furans, PCDDs/PCDFs	B-HWS
OCs	Cl-
PHCs	CN-
PCBs	Electrical Conductivity
PAHs	Cr (VI)
THMs	Hg
VOCs	Methyl Mercury
BTEX	Low or high pH,
Ca, Mg	SAR

4 - when submitting a record of site condition for filing, a copy of this table must be attached

APPENDIX A

PART 1, PLAN 20R-18605
PIN 24930-0145 (LT)

LOT 11
PIN 24930-0146 (LT)

PART 2, PLAN 20R-18605

PART 1, PLAN 20R-22413
PIN 24930-0005 (LT)

PLAN OF SURVEY
PART OF LOT 12, CONCESSION 1 NORTH OF DUNDAS STREET
GEOGRAPHIC TOWNSHIP OF TRAFALGAR

CITY OF OAKVILLE
REGIONAL MUNICIPALITY OF HALTON

J.D. BARNES LIMITED

SCALE 1 : 500

10 0 10 20 30 metres

THE INTENDED PLOT SIZE OF THIS PLAN IS 1451 mm IN WIDTH BY 917 mm IN HEIGHT WHEN PLOTTED AT A SCALE OF 1:500

METRIC DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NOTES

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0).

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999703.

FOR BEARING COMPARISONS, A ROTATION OF 00°48'00" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P2.

FOR BEARING COMPARISONS, A ROTATION OF 00°50'35" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P4.

INTEGRATION DATA

OBSERVED REFERENCE POINTS (ORPs): UTM ZONE 17, NAD83 (CSRS) (2010.0).
COORDINATES TO AN URBAN ACCURACY PER SECTION 14 (2) OF O.REG 216/10.

POINT ID	EASTING	NORTHING
ORP A	602 046.43	4 817 296.75
ORP B	602 642.12	4 817 232.48

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

THE RESULTANT TIE BETWEEN ORP A AND ORP B IS 599.33 N83°50'30"E

LOCAL BENCHMARK

CP LOCATED ON THE WEST SIDE OF BURNHAMTHORPE ROAD APPROXIMATELY 15.65m SOUTH OF WYDRO POLE 5.13m WEST OF C/L OF ROAD.
ELEVATION=183.616m

TOPOGRAPHIC LEGEND

BM	DENOTES BENCH MARK
CSP	DENOTES CORRUGATED STEEL PIPE
FG	DENOTES FENCE GATE
FP	DENOTES FENCE POST
HP	DENOTES HYDRO POLE
LS	DENOTES LIGHT STANDARD
MH	DENOTES MANHOLE
MW	DENOTES MONITORING WELL
PED	DENOTES TELEPHONE PEDESTAL
PVC	DENOTES POLYVINYL CHLORIDE PIPE
S	DENOTES SIGN
TL	DENOTES TRAFFIC SIGNAL
TSC	DENOTES TRAFFIC SIGNAL CONTROL
E	DENOTES OVERHEAD HYDRO CABLE
	DENOTES SHRUB
	DENOTES DECIDUOUS TREE; DIA=DIAMETER OF TRUNK IN METRES
	DENOTES CONIFEROUS TREE; DIA=DIAMETER OF TRUNK IN METRES

LEGEND

	DENOTES SURVEY MONUMENT FOUND
	DENOTES SURVEY MONUMENT SET
SSB	DENOTES STANDARD IRON BAR
IB	DENOTES IRON BAR
RIB	DENOTES ROUND IRON BAR
MEAS	DENOTES MEASURED
IGS	DENOTES H.D. SEMELL, O.L.S.
760	DENOTES K.M. McCONELL, O.L.S.
950	DENOTES J.D. BARNES LIMITED, O.L.S.
	DENOTES YATES AND PURSELL, O.L.S.
OU	DENOTES ORIGIN UNKNOWN
P1	DENOTES PLAN 20R-11324
P2	DENOTES PLAN OF SURVEY BY F.G. CUNNINGHAM O.L.S. DATED NOVEMBER 3, 1966 (PROJECT 66-016W)
P3	DENOTES PLAN 20R-22413
P4	DENOTES PLAN 20R-18605
P5	DENOTES PLAN 20R-9655

N=NORTH, E=EAST, S=SOUTH, W=WEST

ALL SET SSIB MONUMENTS WERE USED DUE TO LACK OF OVERBURDEN AND/OR PROXIMITY OF UNDERGROUND UTILITIES IN ACCORDANCE WITH SECTION 11 (4) OF O.REG. 525/97.

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, AND THE SURVEYORS ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON JANUARY 30, 2025.

FEBRUARY 11, 2025
DATE

R.S. GUDELIUS
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-94997

J.D. BARNES LIMITED SURVEYING MAPPING GIS
LAND INFORMATION SPECIALISTS
401 WHEELABRATOR WAY, SUITE 1, MILTON, ONTARIO L9T 3C1
T: (905) 875-9955 F: (905) 875-9956 www.jdbarnes.com

DRAWN BY: TP | CHECKED BY: RSG | REFERENCE NO.: 24-30-276-00 | DATED: 02/11/2025

PLOT DATE: 2/11/2025 10:46 AM

APPENDIX B

None Available

APPENDIX C

CHAIN OF TITLE REPORT

Project #:	25-069	**Searched at:**	Milton
Address:	340 Burnhamthorpe Road E., Oakville	**LRO #:**	20
Legal Description:	Part Lot 12 Con 1 Trafalgar (NDS) as in 714764 & 709598 Ex Pts 2 & 3, 20R11324		
PIN #:	24930-0002 (LT)		

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 Acres)	31 08 1810	Crown	**Hugh HEWARD**
434	Deed	27 09 1810	Hugh Heward	David HENESSY
323	Deed	12 07 1825	David Henessy	Peter HENESSY
300	Deed	10 04 1826	Peter Henessy	John HENESSY
883	Deed	18 07 1834	John Henessy	Peter HENESSY
429	Tax Deed	25 05 1839	Sheriff William Jarvis (Peter Henessy defaulted in Taxes)	George CHALMERS
430	Deed	15 05 1839	George Chalmers	Michael BUCK
549	Deed	04 08 1842	Michael Buck	Michael SNYDER
386	Deed	23 08 1853	Michael Snyder	John CLEMENTS

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #:	25-069	Searched at:	Milton
Address:	340 Burnhamthorpe Road E., Oakville	LRO #:	20
Legal Description:	Part Lot 12 Con 1 Trafalgar (NDS) as in 714764 & 709598 Ex Pts 2 & 3, 20R11324		
PIN #:	24930-0002 (LT)		

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
764	Deed	31 10 1871	John Clements	Matthew CLEMENTS
864	Deed (Chain 1)	27 01 1872	Matthew Clements	Patrick TOBIN
865	Deed	27 01 1872	Patrick Tobin	Edward M. LERNAN
5821	Deed (Chain 2)	11 11 1891	Matthew Clements	William J. CLEMENTS
5822	Deed	16 11 1891	Edward M. Lernan	Joseph K. FISHER
5825	Deed	17 11 1891	William J. Clements	Richard BIGGER
6969	Deed	04 10 1897	Joseph K. Fisher	Annie E. PELL & William PELL
7937	Deed	09 06 1902	Annie E. Pell & William Pell	David TURNER
9387	Deed	18 05 1908	David Turner	George JOYCE

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project #: 25-069
Address: 340 Burnhamthorpe Road E., Oakville
Legal Description: Part Lot 12 Con 1 Trafalgar (NDS) as in 714764 & 709598 Ex Pts 2 & 3, 20R11324
PIN #: 24930-0002 (LT)

Searched at: Milton
LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
9841	Deed (Chain 2)	24 11 1909	Richard Bigger - Estate	Albert Cunningham BIGGER
17886	Deed (Chain 1)	02 04 1919	George Joyce	James A. STEPHENS
133510	Deed	04 05 1920	Albert Cunningham Bigger	Sybil M. CALVERLEY
145428	Deed	17 03 1923	Sybil M. Calverley	Hugh Salvin CALVERLEY
16108	Deed	22 07 1927	James A. Stephens - Estate	Emily A. STEPHENS
16106	Deed	22 07 1927	Emily A. Stephens	George JOHNSTON
21162	Deed	14 12 1945	George Johnston - Estate	Agnes Kennedy WATSON
23242	Deed	05 04 1949	Agnes Kennedy Watson	John B. WALSH
26797	Deed	06 08 1952	John B. Walsh	Theadorus Gerbrandus DE WILDT

Cont'd on Page 4

CHAIN OF TITLE REPORT

Project #:	25-069	**Searched at:**	Milton	
Address:	340 Burnhamthorpe Road E., Oakville	**LRO #:**	20	Page 4
Legal Description:	Part Lot 12 Con 1 Trafalgar (NDS) as in 714764 & 709598 Ex Pts 2 & 3, 20R11324			
PIN #:	24930-0002 (LT)			

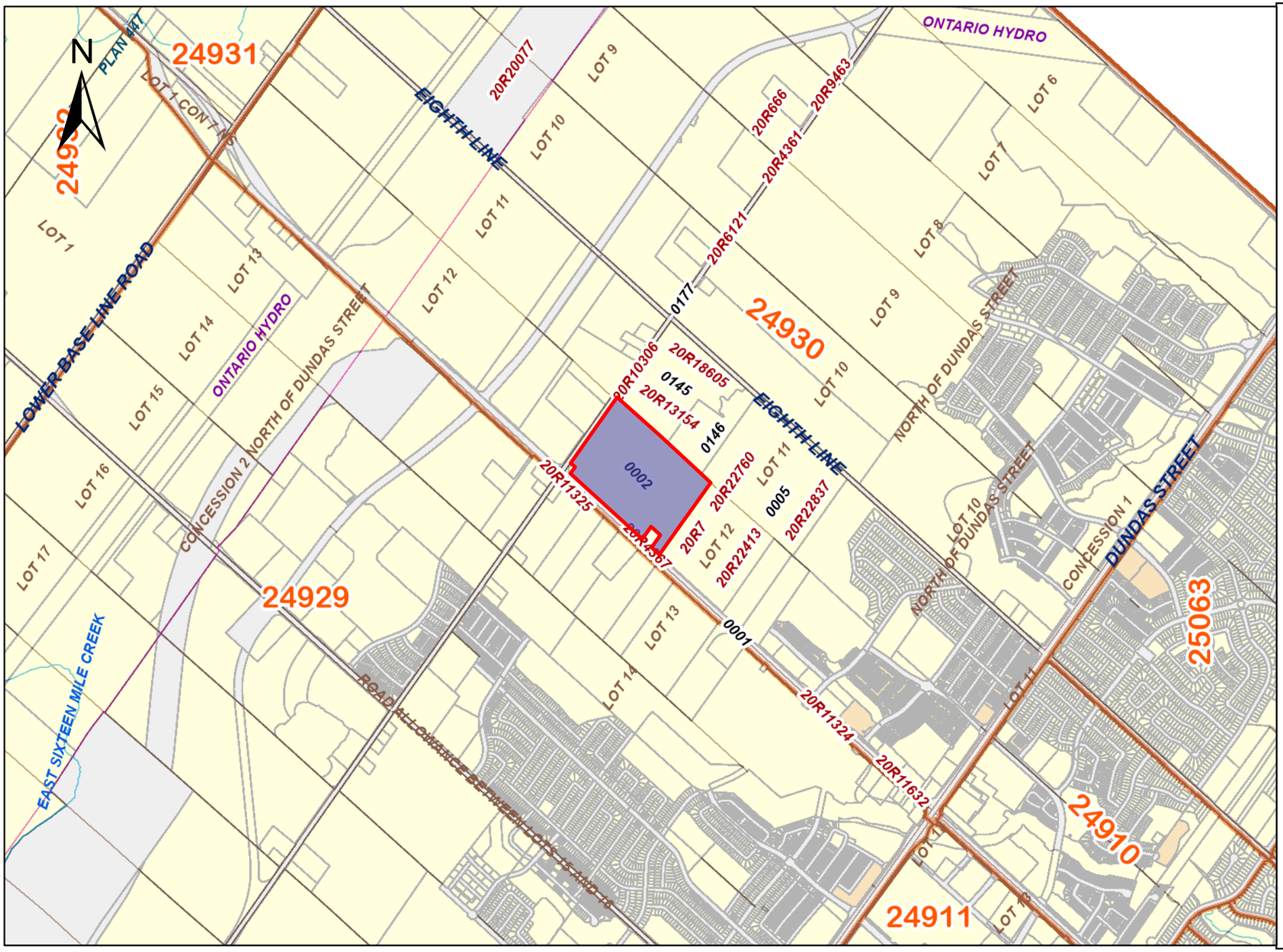
INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
50221	Deed (Chain 2)	08 05 1956	Hugh Salvin Calverley	John Leveson CALVERLEY Frances Hazel CALVERLEY
55385	Deed (Chain 1)	05 09 1956	Theadorus Gerbrandus De Wildt	Kenneth BAYLISS
167341	Deed	22 05 1964	Kenneth Bayliss	Douglas Cameron THOMSON
537776	Deed	01 04 1981	Douglas Cameron Thomson	Patricia M. GWYER
537777	Mortgage	01 04 1981	Patricia M. Gwyer	Canada Permanent Trust Company (Mortgagee)
583213	Deed (Power of Sale)	15 04 1983	Canada Permanent Trust Company (Patricia M. Gwyer defaulted in Mtg)	Linda R. ARNOLD
641526	Deed	30 05 1986	Linda R. Arnold	Francis LA BELLE & Maryann LA BELLE - 1/2% Clark BANNISTER - 1/2%
695439	Deed	30 06 1988	Francis La Belle, etal	Luingina TADDEO Gino BOSSIO

Cont'd on Page 5

CHAIN OF TITLE REPORT

Project #:	25-069	Searched at:	Milton
Address:	340 Burnhamthorpe Road E., Oakville	LRO #:	20
Legal Description:	Part Lot 12 Con 1 Trafalgar (NDS) as in 714764 & 709598 Ex Pts 2 & 3, 20R11324		
PIN #:	24930-0002 (LT)		

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
709598	Deed	03 01 1989	John Leveson Calverley Frances Hazel Calverley	Lavis Inc.
714764	Deed	22 03 1989	Luingina Taddeo Gino Bossio	Lavis Inc.
854063	Name Change	26 07 1996	Lavis Inc.	DKRT Investments Corp.
HR545846	Deed	12 02 2007	DKRT Investments Corp.	833626 Ontario Limited
HR820226	Name Change	18 02 2010	833626 Ontario Limited	1518021 Alberta Ltd.
HR820227	Deed	18 02 2010	1518021 Alberta Ltd.	1816986 Ontario Limited
HR820793	Name Change **(Present Owner)**	22 02 2010	1816986 Ontario Limited	**1816986 Ontario Inc.**



ServiceOntario

PRINTED ON 05 MAY, 2025 AT 15:07:54
FOR BERTUCCI

SCALE

0 240 480 720 960 meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	——
EASEMENT	- - - -

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

CHAIN OF TITLE REPORT

Project #: 25-069
Address: 3437 Trafalgar Road, Oakville
Legal Description: Part lot 12 Con 1 Trafalgar (NDS) as in 759281

PIN #: 24930-0003 (LT)

Searched at: Milton
LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (200 acres)	31 08 1810	Crown	**Hugh HEWARD**
446	Deed	22 11 1810	Hugh Heward	Duncan CAMERON
447	Deed	22 11 1810	Duncan Cameron	William ALLEN
2172	Deed	27 03 1813	William Allen	Jordan POST
2792	Deed	28 03 1816	Jordan Post	Ephraim POST
798	Deed	24 04 1822	Ephrain Post	John MITCHELL
426	Deed	16 04 1840	James Thompson exor for John Mitchell - Estate	Archibald THOMPSON
496	Deed	16 05 1840	Archibald Thompson	James HOWARD
198	Deed	06 10 1841	James Howard	Arthur GREENHAUS

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #:	25-069	**Searched at:**	Milton
Address:	3437 Trafalgar Road, Oakville	**LRO #:**	20
Legal Description	Part lot 12 Con 1 Trafalgar (NDS) as in 759281		
PIN #:	24930-0003 (LT)		

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
411	Deed	06 06 1856	Arthur Greenhaus	John CLEMENT
764	Deed	31 10 1871	John Clement	Matthew CLEMENT
5821	Deed	11 11 1891	Matthew Clement	William J. CLEMENT
5825	Deed	17 11 1891	William J. Clement	Richard BIGGER
9841	Deed	24 11 1909	Richard Bigger	Albert Cunningham BIGGER
13351	Deed	04 05 1920	Albert Cunningham Bigger	Sybil M. CALVERLEY
145428	Deed	19 03 1922	Sybil M. Calverley	Hugh Salvin CALVERLEY
50221	Deed	08 05 1956	Hugh Salvin Calverley	John Leveson CALVERLEY Frances Hazel CALVERLEY
230167	Deed	14 08 1967	John Leveson Calverley Frances Hazel Calverley	Irene POSA & Andrew POSA

Cont'd on Page 3

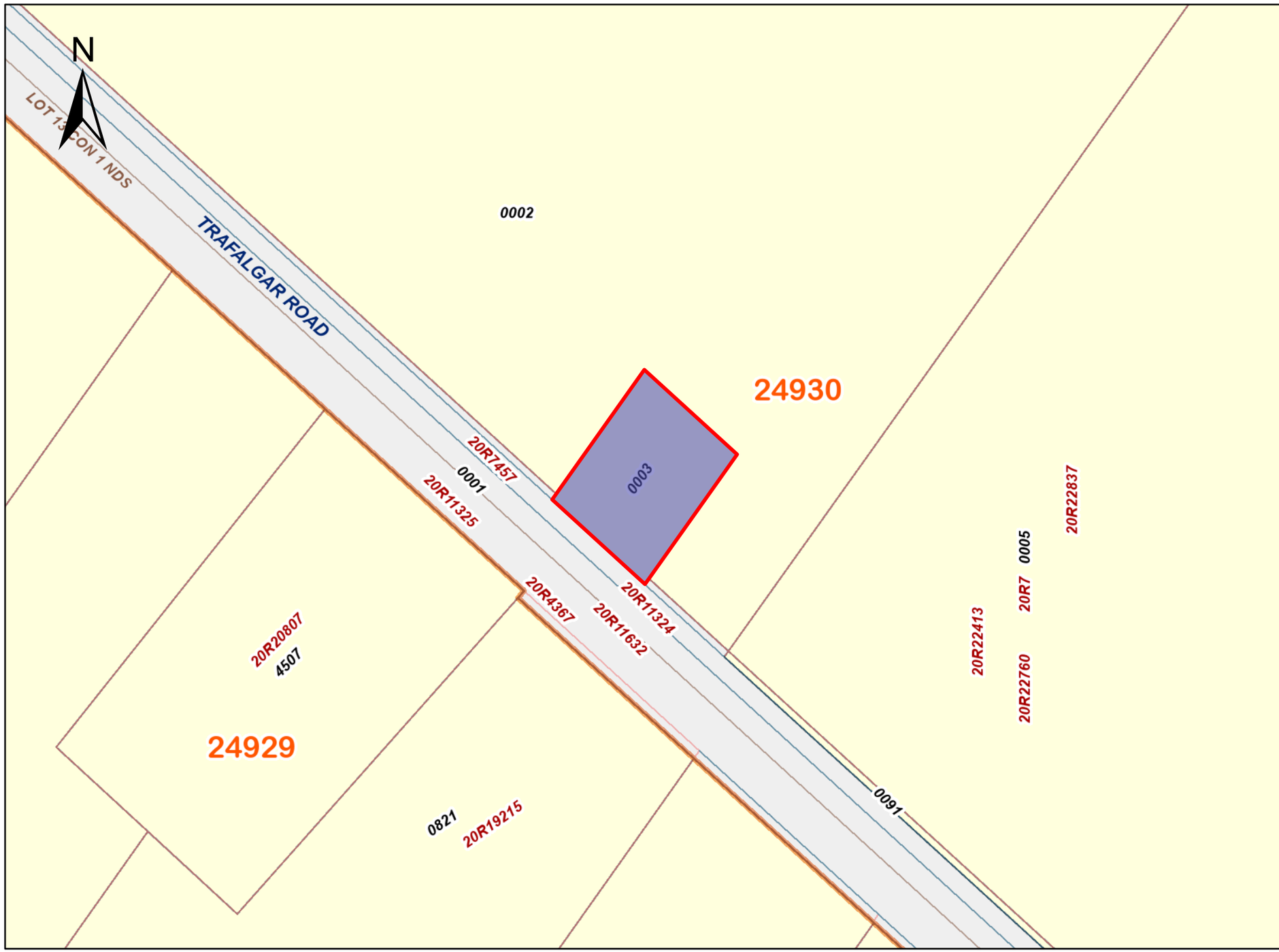
CHAIN OF TITLE REPORT

Project #: 25-069
Address: 3437 Trafalgar Road, Oakville
Legal Description: Part lot 12 Con 1 Trafalgar (NDS) as in 759281

Searched at: Milton
LRO #: 20

PIN #: 24930-0003 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
759281	Deed	28 02 1991	Irene Posa & Andrew Posa	Irene POSA
HR465114	Deed	30 03 2006	Irene Posa	833626 Ontario Limited
HR820226	Name Change	18 02 2010	833626 Ontario Limited	1518021 Alberta Ltd.
HR820227	Deed	18 02 2010	1518021 Alberta Ltd.	1816986 Ontario Limited
HR820793	Name Change **(Present Owner)**	22 02 2010	1816986 Ontario Limited	**1816986 Ontario Inc.**



ServiceOntario

PRINTED ON 28 MAY, 2025 AT 09:51:43
FOR BERTUCCI

SCALE

0 20 40 60 80 meters

PROPERTY INDEX MAP

HALTON(No. 20)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	*0449*
BLOCK NUMBER	**08050**
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

APPENDIX D

CITY DIRECTORY

Project Property:	*Burnhamthorpe & Trafalgar, Oakville* *340 Burnhamthorpe Rd E, Oakville* *Oakville,ON L6H 7B4*
Project No:	*25-069*
Requested By:	*Grounded Engineering Inc.*
Order No:	*25042900427*
Date Completed:	*May 15, 2025*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

May 15, 2025
RE: CITY DIRECTORY RESEARCH
340 Burnhamthorpe Rd E, Oakville
Oakville,ON L6H 7B4

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

Search Criteria:

270-490 of Burnhamthorpe Road E

3370-4030 of Trafalgar Road

Search Notes:

Trafalgar Road is also known as 3370-4030 Halton Regional Road 3 in Oakville.

Search Results Summary

Data from 2012 to 2017 does not include residential information

Date	Source	Comment
2023	DIGITAL BUSINESS DIRECTORY	
2021	DIGITAL BUSINESS DIRECTORY	
2017	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	COLE	
2001	POLKS	
1996	MIGHTS	
1991	MIGHTS	
1985	MIGHTS	
1981	MIGHTS	
1975	MIGHTS	
1971	MIGHTS	
1965	MIGHTS	
1960	MIGHTS	

2023 BURNHAMTHORPE ROAD E

SOURCE: DIGITAL BUSINESS DIRECTORY

340 **VIC HADFIELD GOLF LEARNING**...*GOLF COURSES-MINIATURE*
340 **VIC HADFIELD GOLF LEARNING**...*GOLF COURSES-PUBLIC*
391 **ICNA CANADA**...*RELIGIOUS ORGANIZATIONS*
391 **INCA CANADA**...*RELIGIOUS ORGANIZATIONS*
479 **J HANNAH**...*RESIDENTIAL*
489 **ERIN MILLS LANDSCAPING**...*LANDSCAPE CONTRACTORS*

2023 TRAFALGAR ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

3444 **J OWEN**...*RESIDENTIAL*
3444 **J YOUNG**...*RESIDENTIAL*
4002 **REN'S PETS DEPOT**...*PET SUPPLIES & FOODS-RETAIL*

2021 BURNHAMTHORPE ROAD E

SOURCE: DIGITAL BUSINESS DIRECTORY

391 **INCA CANADA**...*RELIGIOUS ORGANIZATIONS*
479 **J HANNAH**...*RESIDENTIAL*
489 **ERIN MILLS LANDSCAPE MNTNC**...*LAWN & GROUNDS MAINTENANCE*
489 **ERIN MILLS LANDSCAPE MNTNC**...*GARDEN CENTERS*

2021 TRAFALGAR ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

3444 **J OWEN**...*RESIDENTIAL*
3444 **J YOUNG**...*RESIDENTIAL*
4002 **REN'S PETS DEPOT**...*FEDERAL GOVERNMENT CONTRACTORS*

2017 BURNHAMTHORPE ROAD E

SOURCE: DIGITAL BUSINESS DIRECTORY

340 **VIC HADFIELD GOLF LEARNING**...*ALL OTHER AMUSEMENT & RECREATION INDUSTRIES*
391 **INCA CANADA**...*RELIGIOUS ORGANIZATION*
391 **ISLAMIC CIRCLE OF NORTH AMER**...*ELEMENTARY & SECONDARY SCHOOLS*
489 **ERIN MILLS LANDSCAPE MAINT**...*RESIDENTIAL REMODELERS*

2017 TRAFALGAR ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

4002 **COMMAND RESPONSE DOGS**...*CAT BREEDER*
4002 **COMMAND RESPONSE DOGS**...*PET SERVICES*
4002 **REN'S FEED & SUPPLIES LTD**...*PET & PET SUPPLIES STORES*
4002 **REN'S PETS DEPOT**...*PET & PET SUPPLIES STORES*

2012 BURNHAMTHORPE ROAD E

SOURCE: DIGITAL BUSINESS DIRECTORY

340 **VIC HADFIELD GOLF & LEARNING**...*ALL OTHER AMUSEMENT & RECREATION INDUSTRIES*
391 **ICNA CANADA**...*RELIGIOUS ORGANIZATION*
391 **ICNA RELIEF**...*OTHER INDIVIDUAL & FAMILY SVCS*
391 **INCA CANADA**...*RELIGIOUS ORGANIZATION*
391 **ISLAMIC CIRCLE OF NORTH AMER**...*ELEMENTARY & SECONDARY SCHOOLS*
489 **ERIN MILLS MAINTENANCE**...*RESIDENTIAL REMODELERS*
489 **ONOFRE GARDEN SUPPLIES LTD**...*TOPSOIL*

2012 TRAFALGAR ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

4002 **REN'S FEED & SUPPLIES LTD**...*PET & PET SUPPLIES STORES*
4002 **RUN ABOUT KENNEL SYSTEMS**...*OTHER FABRICATED WIRE PROD MFG*

2008 BURNHAMTHORPE ROAD E

SOURCE: COLE

273	**J HEWSON**
340	**VIC HADFIELD GOLF & LEARNING CENTER**
391	**ICNA CANADA**
479	**J HANNAH**
489	**ERIN MILLS MAINTENANCE & LANDSCAPING**
489	**ONOFRE GARDEN SUPPLIES LTD**

2008 TRAFALGAR ROAD

SOURCE: COLE

3371	**D BARRITT**
3444	**J OWEN**
3444	**J YOUNG**
4002	**RENS PETS DEPOT**

2001 BURNHAMTHORPE ROAD E

SOURCE: POLKS

273	**HEWSON J**
273	**VAN ALPHEN A**
340	**LORENZ J**
391	**ICNA RELIEF ISLAMIC CIRCLE OF NORTH AMERICA**
479	**HANNAH J**
489	**ERIN MILLS MAINTENANCE & LANSCAPING**
489	**LEE S C**

2001 TRAFALGAR ROAD

SOURCE: POLKS

3437	**POSA I**
3437	**POSA RICHARD**
3444	**CUTHBERT IAN**
3444	**OWEN J**
3444	**PEREIRA ANTONIO**
4002	**REN'S FEED & SUPPLIES LTD**
4002	**RUN ABOUT KENNEL SYSTEMS**

1996 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

273 **ORPEN G**
273 **ORPEN ROB**
340 **LORENZ J**
391 **WELDING INSTITUTE OF CANADA**
479 **HANNAH J**
489 **ERIN MILLS MAINTENANCE**
489 **TYGESEN S**
489 **WILLIAMS B**

1996 TRAFALGAR ROAD

SOURCE: MIGHTS

3437 **POSA I**
3444 **OWEN J**
3444 **SWEELMAN T**

1991 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

273 **DUTIL D**
340 **BARNETT VINCE**
391 **WELDING INSTITUTE OF CANADA**
479 **HANNAH J**

1991 TRAFALGAR ROAD

SOURCE: MIGHTS

3437 **POSA A**
3444 **CAMERON PAUL**
3444 **SWEETMAN T**
3558 **LORENZ J**
4002 **RENS FEED & SUPPLIES LTD**

1985 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

273	**PICKERING H L**
353	**SUM P**
391	**WELDING INSTITUTE OF CANADA**
479	**HANNAH J**
489	**MARSHALL DONALD G**

1985 TRAFALGAR ROAD

SOURCE: MIGHTS

3371	**SHAPAREW V**
3437	**POSA A**
3444	**BENTLEY JOSEPH H**
3444	**SWANCE J W**
3555	**MELANSON RAY**
3558	**WATSON WM**
4002	**REN'S FEED & SUPPLIES LTD**

1981 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

STREET NOT LISTED

1981 TRAFALGAR ROAD

SOURCE: MIGHTS

3371	**SHAPAREW V**
3437	**POSA A**
3444	**BENTLEY JOSEPH H**
3444	**BROUWER FRANK**
3555	**READ BOB**
3558	**WATSON WM**
4002	**RENS FEED&SUPPLIES LTD**

1975 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

273	**PICKERING LLOYD S**
340	**THOMSON DOUGLAS C**
391	**SNIDER PUBLIC SCHOOL**
479	**HANNAH JAMES M**
489	**POST MABLE**

1975 TRAFALGAR ROAD

SOURCE: MIGHTS

3371	**SALEWSKI WLADISLAW**
3371	**SHAPAREW VLADIMIR**
3437	**POSA ANDREW**
3444	**BENTINEY JOSEPH**
3555	**WATSON AGNES**
3558	**WATSON WM**
4002	**RALPH & HUNT LTD ANIMAL FEED**

1971 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

273	**PICKERING LLOYD S**
340	**THOMSON DOUGLAS C**
391	**SNIDERS PUBLIC SCHOOL**
479	**HANNAH JAMES M**
489	**POST MABLE**

1971 TRAFALGAR ROAD

SOURCE: MIGHTS

3371	**SALEWSKI WLADISLAW**
3371	**SHAPAREW VLADIMIR**
3437	**POSA ANDREW**
3555	**WATSON RICHD S**
3558	**WATSON WM**
4002	**RALPH & HUNT LTD ANIMAL FEED**

1965 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

STREET NOT LISTED

1965 TRAFALGAR ROAD

SOURCE: MIGHTS

RANGE NOT LISTED

1960 BURNHAMTHORPE ROAD E

SOURCE: MIGHTS

STREET NOT LISTED

1960 TRAFALGAR ROAD

SOURCE: MIGHTS

RANGE NOT LISTED

APPENDIX E

DATABASE REPORT

Project Property:	*Burnhamthorpe & Trafalgar, Oakville* *340 Burnhamthorpe Rd E, Oakville* *Oakville ON L6H 7B4*
Project No:	*25-069*
Report Type:	*RSC Report - Quote*
Order No:	*25042900427*
Requested by:	*Grounded Engineering Inc.*
Date Completed:	*May 1, 2025*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:	*Burnhamthorpe & Trafalgar, Oakville* *340 Burnhamthorpe Rd E, Oakville Oakville ON L6H 7B4*
Project No:	*25-069*

Order Information:

Order No:	*25042900427*
Date Requested:	*April 29, 2025*
Requested by:	*Grounded Engineering Inc.*
Report Type:	*RSC Report - Quote*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - QUOTE Custom City Directory Search*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*RSC Maps*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	0	0
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	8	9
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	5	5
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	4	4
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	1	1
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
WDSH	***Waste Disposal Sites - MOE 1991 Historical Approval Inventory***	*Y*	*0*	*0*	*0*
WWIS	***Water Well Information System***	*Y*	*2*	*14*	*16*
		Total:	*3*	*34*	*37*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		See Lot/Con Oakville ON	NNE/0.0	-0.25	19
2	WWIS		HALTON REGION lot 12 con 1 OAKVILLE ON ***Well ID:*** 7135929	SSE/0.0	2.20	19
3	WWIS		lot 12 con 1 ON ***Well ID:*** 2806640	W/0.0	2.75	22

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	CA	R.M. OF HALTON	TRAFALGAR RD/BURNHAMTHORPE RD. OAKVILLE TOWN ON	W/10.6	3.16	25
5	EHS		SW corner of Burnhamthorpe Rd E & 8th Line Oakville ON	E/14.8	-2.15	26
6	WWIS		lot 12 con 2 ON ***Well ID:*** 2802205	WNW/22.1	0.30	26
7	EHS		3444 Trafalgar Road Oakville ON	S/25.0	2.78	28
7	EHS		3444 Trafalgar Rd Oakville ON L6H7B8	S/25.0	2.78	29
8	EHS		Trafalgar Rd. west side Oakville ON	SW/28.1	1.97	29
9	WWIS		lot 12 con 2 ON ***Well ID:*** 2803735	NW/36.3	0.31	29
10	WWIS		lot 12 con 2 ON ***Well ID:*** 2802204	NNW/36.8	-1.74	33
11	WWIS		lot 12 con 2 ON ***Well ID:*** 2802202	NW/38.0	-0.74	35
12	WWIS		lot 12 con 2 ON ***Well ID:*** 2802203	NW/39.9	-0.74	37
13	GEN	WELDING INSTITUTE OF CANADA 42-414	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	NW/49.3	0.34	40
13	GEN	WELDING (SEE&USE ON1426600) 42-473	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	NW/49.3	0.34	40

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
13	WWIS		391 BURNAMTHORPE RD lot 12 con 2 OAKVILLE ON ***Well ID:*** 2810672	NW/49.3	0.34	41
13	GEN	Heart and Stroke Foundation	391 Burnhamthorpe Road E Oakville ON L6H 7B4	NW/49.3	0.34	42
14	WWIS		TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON ***Well ID:*** 7224932	W/52.0	3.65	43
15	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	W/91.1	4.14	46
15	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H 7B7	W/91.1	4.14	46
15	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	W/91.1	4.14	47
15	EHS		4002 Trafalgar Rd Oakville ON L6H7B7	W/91.1	4.14	47
15	PES	REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	W/91.1	4.14	47
15	EHS		4002 Trafalgar Road Oakville ON L6H 7B7	W/91.1	4.14	47
16	WWIS		lot 13 con 2 ON ***Well ID:*** 2805349	W/130.0	4.92	48
17	WWIS		lot 12 con 1 ON ***Well ID:*** 2802106	SSE/140.5	2.81	52
18	RSC	ARGO TRAFALGAR II CORPORATION	ON	WNW/147.5	1.35	55
19	EHS		Trafalgar Road & Burnhamthorpe Road East	WNW/162.2	1.22	55

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Oakville ON L6H 7B5			
20	EHS		3371 Trafalgar Road Oakville ON L6H 7C1	ESE/196.2	-2.27	55
21	WWIS		lot 13 con 2 ON ***Well ID:*** 2802209	W/197.2	6.06	56
22	WWIS		3871 TRAFALGAR RD. lot 12 con 1 OAKVILLE ON ***Well ID:*** 7132311	SE/201.6	1.44	58
23	WWIS		lot 13 con 2 ON ***Well ID:*** 2802207	W/239.5	6.04	61
24	WWIS		ON ***Well ID:*** 7276686	SSW/246.0	3.26	64
25	GEN	Regional Municipality of Halton Water & Wastewater System Services	4030 Trafalgar Road Oakville ON L6H 7C2	W/273.3	7.15	65
25	SPL		4030 Trafalgar Rd. Oakville, ON. OAKVILLE ON	W/273.3	7.15	65
25	GEN	The Regional Municipality of Halton a€" Halton Public Works	Burnamthorpe Bulk Water Station, 4030 Trafalgar Road Oakville ON	W/273.3	7.15	66
26	WWIS		TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON ***Well ID:*** 7224933	SSE/287.5	-0.20	67

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
R.M. OF HALTON	TRAFALGAR RD/BURNHAMTHORPE RD. OAKVILLE TOWN ON	10.6	4

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 9 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	See Lot/Con Oakville ON	0.0	1
	SW corner of Burnhamthorpe Rd E & 8th Line Oakville ON	14.8	5
	3444 Trafalgar Rd Oakville ON L6H7B8	25.0	7
	3444 Trafalgar Road Oakville ON	25.0	7
	Trafalgar Rd. west side Oakville ON	28.1	8
	4002 Trafalgar Rd Oakville ON L6H7B7	91.1	15
	4002 Trafalgar Road Oakville ON L6H 7B7	91.1	15

Site	Address	Distance (m)	Map Key
	Trafalgar Road & Burnhamthorpe Road East Oakville ON L6H 7B5	162.2	19
	3371 Trafalgar Road Oakville ON L6H 7C1	196.2	20

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jun 30, 2024 has found that there are 5 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Heart and Stroke Foundation	391 Burnhamthorpe Road E Oakville ON L6H 7B4	49.3	13
WELDING (SEE&USE ON1426600) 42-473	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	49.3	13
WELDING INSTITUTE OF CANADA 42-414	391 BURNHAMTHORPE ROAD EAST OAKVILLE ON L6H 7B4	49.3	13
The Regional Municipality of Halton a€" Halton Public Works	Burnamthorpe Bulk Water Station, 4030 Trafalgar Road Oakville ON	273.3	25
Regional Municipality of Halton Water & Wastewater System Services	4030 Trafalgar Road Oakville ON L6H 7C2	273.3	25

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Mar 31, 2025 has found that there are 4 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	91.1	15

Site	Address	Distance (m)	Map Key
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H 7B7	91.1	15
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	91.1	15
REN'S FEED & SUPPLIES LIMITED	4002 TRAFALGAR RD OAKVILLE ON L6H7B8	91.1	15

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2025 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ARGO TRAFALGAR II CORPORATION	ON	147.5	18

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug-Jan 2025 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	4030 Trafalgar Rd. Oakville, ON. OAKVILLE ON	273.3	25

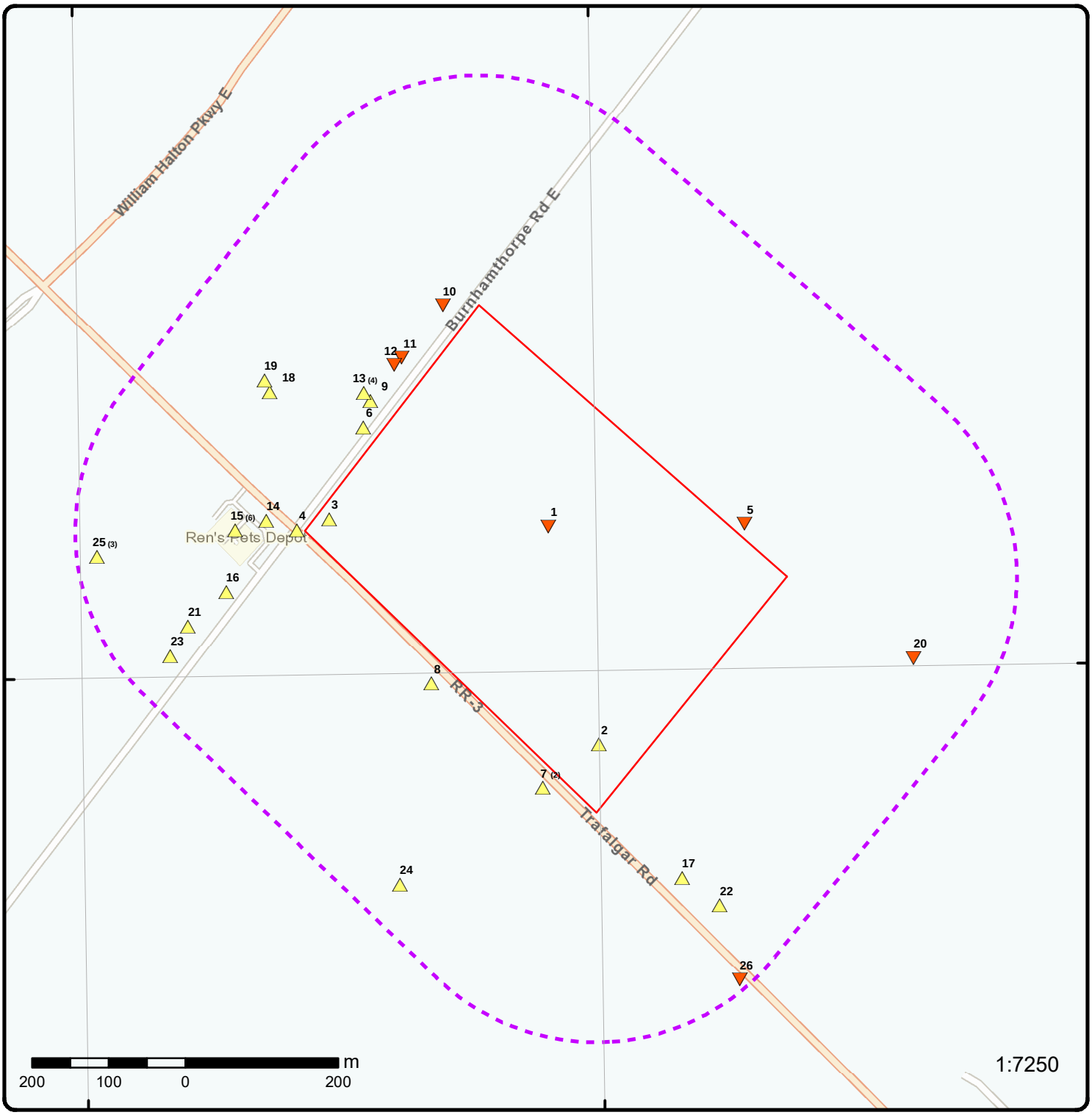
WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 16 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	HALTON REGION lot 12 con 1 OAKVILLE ON	0.0	2

Site	Address	Distance (m)	Map Key
	Well ID: 7135929		
	lot 12 con 1 ON ***Well ID:*** 2806640	0.0	3
	lot 12 con 2 ON ***Well ID:*** 2802205	22.1	6
	lot 12 con 2 ON ***Well ID:*** 2803735	36.3	9
	lot 12 con 2 ON ***Well ID:*** 2802204	36.8	10
	lot 12 con 2 ON ***Well ID:*** 2802202	38.0	11
	lot 12 con 2 ON ***Well ID:*** 2802203	39.9	12
	391 BURNAMTHORPE RD lot 12 con 2 OAKVILLE ON ***Well ID:*** 2810672	49.3	13
	TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON ***Well ID:*** 7224932	52.0	14
	lot 13 con 2 ON ***Well ID:*** 2805349	130.0	16
	lot 12 con 1 ON ***Well ID:*** 2802106	140.5	17
	lot 13 con 2 ON ***Well ID:*** 2802209	197.2	21

Site	Address	Distance (m)	Map Key
	3871 TRAFALGAR RD. lot 12 con 1 OAKVILLE ON ***Well ID:*** 7132311	201.6	22
	lot 13 con 2 ON ***Well ID:*** 2802207	239.5	23
	ON ***Well ID:*** 7276686	246.0	24
	TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON ***Well ID:*** 7224933	287.5	26



Map: 0.3 Kilometer Radius

Order Number: 25042900427

Address: 340 Burnhamthorpe Rd E, Oakville, Oakville, ON

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major Arterial; Minor Arterial
- Local Road
- Service Road; Traffic Circle; Ramp
- Rail
- Beach
- Airport
- Industrial Area
- Military Base
- Aircraft Roads
- Native Reservation
- Hospital
- Shopping & Sports Area
- University/College
- Cemetery; Golf Course
- Parkt (National)
- Park (City/County)

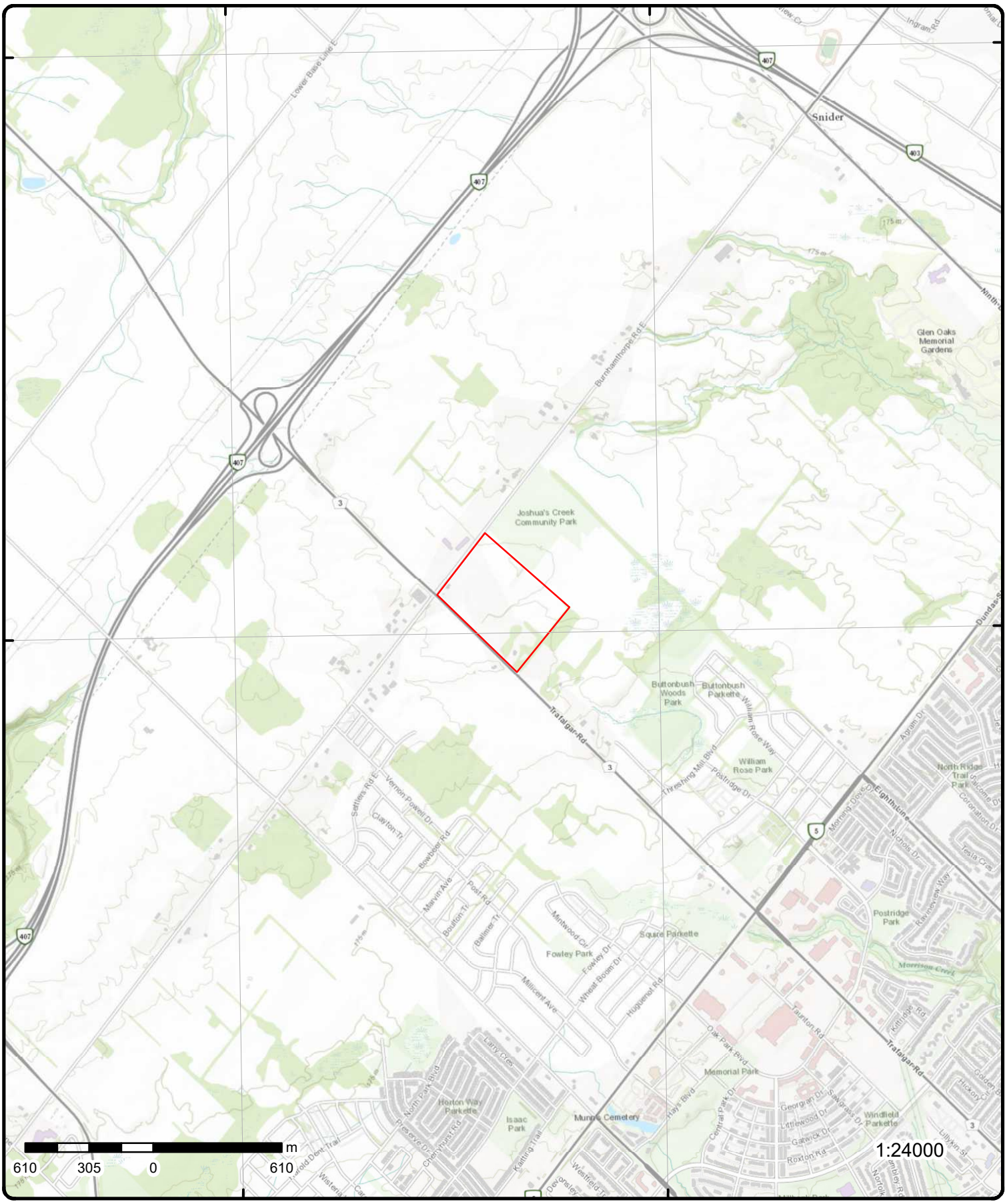
Aerial

Year: 2023

Order Number: 25042900427

Address: 340 Burnhamthorpe Rd E, Oakville, Oakville, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 25042900427

Address: 340 Burnhamthorpe Rd E, Oakville, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	NNE/0.0	181.3 / -0.25	See Lot/Con Oakville ON	EHS

Order No:	20100129003	**Nearest Intersection:**	26379
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	2/3/2010	**Search Radius (km):**	0.25
Date Received:	1/29/2010	**X:**	-79.734141
Previous Site Name:		**Y:**	43.501696
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SSE/0.0	183.8 / 2.20	HALTON REGION lot 12 con 1 OAKVILLE ON	WWIS

Well ID:	7135929	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	12/14/2009
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z01648	**Contractor:**	7140
Tag:		**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7135929.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/19/2009
Year Completed:	2009
Depth (m):	8.02
Latitude:	43.4991305015184
Longitude:	-79.7333795489373
X:	-79.73337939967665
Y:	43.49913050001438
Path:	713\7135929.pdf

Bore Hole Information

Bore Hole ID:	1002876659	**Elevation:**	

DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602401.00
Code OB Desc:		**North83:**	4817024.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	11/19/2009	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr

Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 1002876885
Layer: 3
Color:
General Color:
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 7.5
Formation End Depth: 8.020000457763672
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002876883
Layer: 1
Color:
General Color:
Material 1:
Material 1 Desc:
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 7.400000095367432
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1002876884
Layer: 2
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:

Formation Top Depth: 7.400000095367432
Formation End Depth: 7.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876888
Layer: 2
Plug From: 7.400000095367432
Plug To: 7.75
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876887
Layer: 1
Plug From: 0.0
Plug To: 7.400000095367432
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002876889
Layer: 3
Plug From: 7.75
Plug To: 8.020000457763672
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002876894
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 1002876881
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002876891
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002876892
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1002876882
Pump Set At:
Static Level: 2.619999885559082
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Water Details

Water ID: 1002876890
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002876886
Diameter: 135.0
Depth From: 0.0
Depth To: 8.020000457763672
Hole Depth UOM: m
Hole Diameter UOM: cm

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3 | ***1 of 1*** | ***W/0.0*** | ***184.3 / 2.75*** | ***lot 12 con 1 ON*** | ***WWIS***

Well ID: 2806640
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Abandoned-Supply
Water Type:
Casing Material:
Audit No: 10163
Tag:
Constructn Method:
Elevation (m):
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/14/1987
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4005
Form Version: 1
Owner:
County: HALTON

Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: OAKVILLE TOWN
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2806640.pdf

Additional Detail(s) (Map)

Well Completed Date: 04/24/1987
Year Completed: 1987
Depth (m): 15.24
Latitude: 43.5018252384823
Longitude: -79.7376748527248
X: -79.7376747033848
Y: 43.501825235945496
Path: 280\2806640.pdf

Bore Hole Information

Bore Hole ID:	10152909	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602049.20
Code OB Desc:		**North83:**	4817318.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	04/24/1987	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps

Location Method Desc: from gps
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931443686
Layer: 5
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931443682
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	29
Material 2 Desc:	FINE GRAVEL
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443687
Layer:	6
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	31
Material 2 Desc:	COARSE GRAVEL
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	24.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443684
Layer:	3
Color:	7
General Color:	RED
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	81
Material 2 Desc:	SANDY
Material 3:	29
Material 3 Desc:	FINE GRAVEL
Formation Top Depth:	17.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931443685
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	29
Material 2 Desc:	FINE GRAVEL
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	19.0
Formation End Depth:	21.0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931443688
Layer: 7
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931443683
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 29
Material 2 Desc: FINE GRAVEL
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 9.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962806640
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10701479
Casing No: 1
Comment:
Alt Name:

4	1 of 1	W/10.6	184.7 / 3.16	R.M. OF HALTON TRAFALGAR RD/BURNHAMTHORPE RD. OAKVILLE TOWN ON	CA

Certificate #: 3-0749-95-
Application Year: 95
Issue Date: 7/13/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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5 | **1 of 1** | **E/14.8** | **179.4 / -2.15** | **SW corner of Burnhamthorpe Rd E & 8th Line Oakville ON** | **EHS**

Order No:	20070725028	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	CAN - Custom Report	**Client Prov/State:**	
Report Date:	7/27/2007	**Search Radius (km):**	0.25
Date Received:	7/25/2007	**X:**	-79.730975
Previous Site Name:		**Y:**	43.501696
Lot/Building Size:	50 acres		
Additional Info Ordered:			

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6 | **1 of 1** | **WNW/22.1** | **181.9 / 0.30** | **lot 12 con 2 ON** | **WWIS**

Well ID:	2802205	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Public	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/05/1962
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4602
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802205.pdf

Additional Detail(s) (Map)

Well Completed Date:	08/21/1962
Year Completed:	1962
Depth (m):	17.0688
Latitude:	43.5028994270339
Longitude:	-79.7371032452372
X:	-79.737103095575
Y:	43.502899424992606
Path:	280\2802205.pdf

Bore Hole Information

Bore Hole ID:	10148759	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		***East83:***	602093.60
Code OB Desc:		***North83:***	4817438.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	08/21/1962	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931427945
Layer: 2
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 56.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427944
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802205
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697329
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930253123
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	24.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253124
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	56.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992802205
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	56.0
Recommended Pump Depth:	54.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604257
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	26.0
Water Found Depth UOM:	ft

7	***1 of 2***	***S/25.0***	***184.4 / 2.78***	***3444 Trafalgar Road Oakville ON***	***EHS***

Order No:	20140318074	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	27-MAR-14	***Search Radius (km):***	.25
Date Received:	18-MAR-14	***X:***	-79.735541

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Previous Site Name: | **Y:** 43.498405
Lot/Building Size:
Additional Info Ordered:

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7 | **2 of 2** | **S/25.0** | **184.4 / 2.78** | **3444 Trafalgar Rd Oakville ON L6H7B8** | **EHS**

Order No:	20130529025	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	07-JUN-13	**Search Radius (km):**	.25
Date Received:	29-MAY-13	**X:**	-79.735507
Previous Site Name:		**Y:**	43.498477
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; Aerial Photos

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8 | **1 of 1** | **SW/28.1** | **183.6 / 1.97** | **Trafalgar Rd. west side Oakville ON** | **EHS**

Order No:	20110704032	**Nearest Intersection:**	
Status:	C	**Municipality:**	Halton
Report Type:	Site Report	**Client Prov/State:**	ON
Report Date:	7/5/2011	**Search Radius (km):**	0.25
Date Received:	7/4/2011 4:01:05 PM	**X:**	-79.736065
Previous Site Name:		**Y:**	43.499879
Lot/Building Size:	5.623 ha		

Additional Info Ordered:

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9 | **1 of 1** | **NW/36.3** | **181.9 / 0.31** | **lot 12 con 2 ON** | **WWIS**

Well ID:	2803735	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	04/14/1972
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3637
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2803735.pdf

Additional Detail(s) (Map)

Well Completed Date:	04/08/1971
Year Completed:	1971
Depth (m):	9.144
Latitude:	43.5032132710949

Longitude: -79.7369853725279
X: -79.73698522314479
Y: 43.503213268430784
Path: 280\2803735.pdf

Bore Hole Information

Bore Hole ID:	10150267	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602102.60
Code OB Desc:		**North83:**	4817473.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	04/08/1971	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931433040
Layer: 4
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931433038
Layer: 2
Color: 6
General Color: BROWN
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931433037

Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433039
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962803735
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10698837
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930255537
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	30.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	992803735
Pump Set At:	

Static Level:	7.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	28.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934451241
Test Type:	Recovery
Test Duration:	30
Test Level:	28.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934710443
Test Type:	Recovery
Test Duration:	45
Test Level:	27.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934176613
Test Type:	Recovery
Test Duration:	15
Test Level:	29.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934970757
Test Type:	Recovery
Test Duration:	60
Test Level:	26.0
Test Level UOM:	ft

Water Details

Water ID:	933606259
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933606260
Layer:	2
Kind Code:	1

Kind:	FRESH
Water Found Depth:	28.0
Water Found Depth UOM:	ft

10 | **1 of 1** | **NNW/36.8** | **179.8 / -1.74** | **lot 12 con 2 ON** | **WWIS**

Well ID:	2802204	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Public	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	06/10/1955
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1642
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802204.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/31/1955
Year Completed:	1955
Depth (m):	24.384
Latitude:	43.504316545692
Longitude:	-79.7357872017465
X:	-79.73578705229897
Y:	43.50431654351772
Path:	280\2802204.pdf

Bore Hole Information

Bore Hole ID:	10148758	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602197.60
Code OB Desc:		**North83:**	4817597.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	05/31/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427943
Layer:	2
Color:	7
General Color:	RED
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427942
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	09
Material 2 Desc:	MEDIUM SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802204
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697328
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253122
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253121

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	26.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992802204
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	24.0
Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933604256
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25.0
Water Found Depth UOM:	ft

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11 | ***1 of 1*** | ***NW/38.0*** | ***180.8 / -0.74*** | ***lot 12 con 2 ON*** | ***WWIS***

Well ID:	2802202	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Abandoned-Quality	**Date Received:**	06/10/1955
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1642
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802202.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/17/1955
Year Completed:	1955
Depth (m):	27.7368
Latitude:	43.5037117859307
Longitude:	-79.736467806136
X:	-79.73646765621942
Y:	43.503711783688544
Path:	280\2802202.pdf

Bore Hole Information

Bore Hole ID:	10148756	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602143.60
Code OB Desc:		***North83:***	4817529.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/17/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9

Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock Materials Interval

Formation ID:	931427938
Layer:	1
Color:	
General Color:	
Material 1:	09
Material 1 Desc:	MEDIUM SAND
Material 2:	05
Material 2 Desc:	CLAY
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427939
Layer:	2
Color:	7
General Color:	RED
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	25.0

Formation End Depth:	91.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802202
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697326
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930253119
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992802202
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933604254
Layer:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	90.0
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	*1 of 1*	*NW/39.9*	*180.8 / -0.74*	*lot 12 con 2 ON*	*WWIS*

Well ID:	2802203	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Abandoned-Supply	***Date Received:***	06/10/1955
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1642
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	012
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	DS N
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802203.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/05/1955
Year Completed:	1955
Depth (m):	24.384
Latitude:	43.5036231316948
Longitude:	-79.7365933557045
X:	-79.73659320652807
Y:	43.50362312973537
Path:	280\2802203.pdf

Bore Hole Information

Bore Hole ID:	10148757	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602133.60
Code OB Desc:		***North83:***	4817519.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	05/05/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Location Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427941
Layer:	2
Color:	7
General Color:	RED
Material 1:	17
Material 1 Desc:	SHALE

Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427940
Layer: 1
Color:
General Color:
Material 1: 09
Material 1 Desc: MEDIUM SAND
Material 2: 05
Material 2 Desc: CLAY
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802203
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697327
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253120
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 992802203
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 24.0
Recommended Pump Depth:
Pumping Rate: 1.0
Flowing Rate:

Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR:
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933604255
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 25.0
Water Found Depth UOM: ft

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13 | ***1 of 4*** | ***NW/49.3*** | ***181.9 / 0.34*** | ***WELDING INSTITUTE OF CANADA 42-414***
391 BURNHAMTHORPE ROAD EAST
OAKVILLE ON L6H 7B4 | ***GEN***

Generator Info

Generator No: ON1426600
Approval Years: 92,93,94,95,96,97,98
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: ENGINEER OFFICES

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 7752

Waste Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

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13 | ***2 of 4*** | ***NW/49.3*** | ***181.9 / 0.34*** | ***WELDING (SEE&USE ON1426600) 42-473***
391 BURNHAMTHORPE ROAD EAST
OAKVILLE ON L6H 7B4 | ***GEN***

Generator Info

Generator No: ON1495500
Approval Years: 92,93,94,95,96,97,98
Status:
PO Box No:
Country:
Co Admin:
Phone No Admin:
SIC Description: ENGINEER OFFICES

Choice of Contact:
Contaminated Fac:
MHSW Facility:
SIC Code: 7752

Waste Detail(s)

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	3 of 4	NW/49.3	181.9 / 0.34	391 BURNAMTHORPE RD lot 12 con 2 OAKVILLE ON	WWIS

Well ID: 2810672
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z71495
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 12/27/2006
Selected Flag: TRUE
Abandonment Rec: Yes
Contractor: 3349
Form Version: 3
Owner:
County: HALTON
Lot: 012
Concession: 02
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/281\2810672.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/24/2006
Year Completed: 2006
Depth (m):
Latitude: 43.5033044670834
Longitude: -79.7370898527255
X: -79.73708970345929
Y: 43.50330446480637
Path: 281\2810672.pdf

Bore Hole Information

Bore Hole ID: 11692877
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/24/2006
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 602094.00
North83: 4817483.00
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 933303546
Layer: 3

Plug From: 4.880000114440918
Plug To: 2.130000114440918
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933303544
Layer: 1
Plug From: 9.140000343322754
Plug To: 6.099999904632568
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933303547
Layer: 4
Plug From: 2.130000114440918
Plug To: 0.0
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 933303545
Layer: 2
Plug From: 6.099999904632568
Plug To: 4.880000114440918
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 962810672
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 11697743
Casing No: 1
Comment:
Alt Name:

Hole Diameter

Hole ID: 11756647
Diameter: 76.19999694824219
Depth From: 0.0
Depth To: 9.140000343322754
Hole Depth UOM: m
Hole Diameter UOM: cm

13	4 of 4	NW/49.3	181.9 / 0.34	**Heart and Stroke Foundation** **391 Burnhamthorpe Road E** **Oakville ON L6H 7B4**	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Generator Info

Generator No:	ON3867676	***Choice of Contact:***	CO_OFFICIAL
Approval Years:	2014	***Contaminated Fac:***	No
Status:		***MHSW Facility:***	No
PO Box No:		***SIC Code:***	621494
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:	621494		

Waste Detail(s)

Waste Class:	312
Waste Class Name:	PATHOLOGICAL WASTES

14	*1 of 1*	*W/52.0*	*185.2 / 3.65*	***TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON***	***WWIS***

Well ID:	7224932	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Monitoring	***Data Entry Status:***	
Use 2nd:		***Data Src:***	
Final Well Status:	Observation Wells	***Date Received:***	07/31/2014
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	Z189606	***Contractor:***	7472
Tag:	A165987	***Form Version:***	7
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	MILTON TOWN (TRAFALGAR)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7224932.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/25/2014
Year Completed:	2014
Depth (m):	7.6
Latitude:	43.5018184541144
Longitude:	-79.738691780218
X:	-79.73869163009981
Y:	43.50181845158572
Path:	722\7224932.pdf

Bore Hole Information

Bore Hole ID:	1005006696	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	601967.00
Code OB Desc:		***North83:***	4817316.00
Open Hole:		***Org CS:***	UTM83

Cluster Kind:
Date Completed: 06/25/2014
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1005259425
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 06
Material 2 Desc: SILT
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 1.5
Formation End Depth: 4.599999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005259426
Layer: 3
Color: 2
General Color: GREY
Material 1: 17
Material 1 Desc: SHALE
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 4.599999904632568
Formation End Depth: 7.599999904632568
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1005259424
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 77
Material 3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 1.5
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID:	1005259434
Layer:	2
Plug From:	4.900000095367432
Plug To:	7.599999904632568
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005259433
Layer:	1
Plug From:	0.0
Plug To:	4.900000095367432
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1005259432
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1005259423
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005259429
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0.0
Depth To:	4.599999904632568
Casing Diameter:	5.199999809265137
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005259430
Layer:	1
Slot:	10
Screen Top Depth:	4.599999904632568
Screen End Depth:	7.599999904632568
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.400000095367432

Water Details

Water ID:	1005259428
Layer:	

Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005259427
Diameter: 21.0
Depth From: 0.0
Depth To: 7.599999904632568
Hole Depth UOM: m
Hole Diameter UOM: cm

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15 ***1 of 6*** ***W/91.1*** ***185.7 / 4.14*** ***REN'S FEED & SUPPLIES LIMITED***
4002 TRAFALGAR RD
OAKVILLE ON L6H7B8 ***PES***

Detail Licence No: 23-01-10117-0
Licence No: 10117
Status:
Approval Date:
Report Source: Legacy Licenses (Excluding TS)
Licence Type: Limited Vendor
Licence Type Code: 23
Licence Class: 01
Licence Control: 0
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code: 905
Oper Phone No: 2574611
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region: 3
Operator District:
Operator County: 28
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

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15 ***2 of 6*** ***W/91.1*** ***185.7 / 4.14*** ***REN'S FEED & SUPPLIES LIMITED***
4002 TRAFALGAR RD
OAKVILLE ON L6H 7B7 ***PES***

Detail Licence No:
Licence No:
Status:
Approval Date:
Report Source:
Licence Type: Vendor
Licence Type Code:
Licence Class:
Licence Control:
Latitude:
Longitude:
Lot:
Concession:
Region:
District:
County:
Trade Name:
PDF URL:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:
Operator Ext:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Op Municipality:
Post Office Box:
MOE District:
SWP Area Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	3 of 6	W/91.1	185.7 / 4.14	REN'S FEED & SUPPLIES LIMITED 4002 TRAFALGAR RD OAKVILLE ON L6H7B8	PES

Detail Licence No:		Operator Box:	
Licence No:	16186	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:	905
Licence Type:	Limited Vendor	Oper Phone No:	2574611
Licence Type Code:	23	Operator Ext:	
Licence Class:	01	Operator Lot:	
Licence Control:		Oper Concession:	
Latitude:		Operator Region:	
Longitude:		Operator District:	
Lot:		Operator County:	
Concession:		Op Municipality:	
Region:		Post Office Box:	
District:		MOE District:	
County:		SWP Area Name:	
Trade Name:			
PDF URL:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	4 of 6	W/91.1	185.7 / 4.14	4002 Trafalgar Rd Oakville ON L6H7B7	EHS

Order No:	20160729111	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	03-AUG-16	Search Radius (km):	.25
Date Received:	29-JUL-16	X:	-79.739081
Previous Site Name:		Y:	43.501583
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	5 of 6	W/91.1	185.7 / 4.14	REN'S FEED & SUPPLIES LIMITED 4002 TRAFALGAR RD OAKVILLE ON L6H7B8	PES

Detail Licence No:		Operator Box:	
Licence No:	10117	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)	Oper Area Code:	905
Licence Type:	Retail Vendor Class 03	Oper Phone No:	2574611
Licence Type Code:	21	Operator Ext:	
Licence Class:	03	Operator Lot:	
Licence Control:		Oper Concession:	
Latitude:		Operator Region:	
Longitude:		Operator District:	
Lot:		Operator County:	
Concession:		Op Municipality:	
Region:		Post Office Box:	
District:		MOE District:	
County:		SWP Area Name:	
Trade Name:			
PDF URL:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	6 of 6	W/91.1	185.7 / 4.14	4002 Trafalgar Road Oakville ON L6H 7B7	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Order No:	23112000192	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-NOV-23	**Search Radius (km):**	.25
Date Received:	20-NOV-23	**X:**	-79.7391988
Previous Site Name:		**Y:**	43.5017136
Lot/Building Size:			
Additional Info Ordered:			

16 | **1 of 1** | **W/130.0** | **186.5 / 4.92** | **lot 13 con 2 ON** | **WWIS**

Well ID:	2805349	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	05/01/1979
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	4005
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	013
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2805349.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/14/1979
Year Completed:	1979
Depth (m):	19.812
Latitude:	43.5009884050316
Longitude:	-79.7393572239696
X:	-79.73935707497452
Y:	43.50098840243212
Path:	280\2805349.pdf

Bore Hole Information

Bore Hole ID:	10151845	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	601914.60
Code OB Desc:		**North83:**	4817223.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	01/14/1979	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931439333
Layer:	3
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	77
Material 2 Desc:	LOOSE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439335
Layer:	5
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	81
Material 2 Desc:	SANDY
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	30.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439332
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	11
Material 3 Desc:	GRAVEL
Formation Top Depth:	8.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439331
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05

Material 1 Desc:	CLAY
Material 2:	81
Material 2 Desc:	SANDY
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439334
Layer:	4
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	13
Material 2 Desc:	BOULDERS
Material 3:	81
Material 3 Desc:	SANDY
Formation Top Depth:	22.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931439336
Layer:	6
Color:	7
General Color:	RED
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	36.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962805349
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10700415
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930258125
Layer:	1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930258126
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 65.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 992805349
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 43.0
Recommended Pump Depth: 62.0
Pumping Rate: 1.0
Flowing Rate:
Recommended Pump Rate: 1.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934714939
Test Type: Draw Down
Test Duration: 45
Test Level: 37.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934967514
Test Type: Draw Down
Test Duration: 60
Test Level: 43.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934181080
Test Type: Draw Down
Test Duration: 15
Test Level: 19.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934447418
Test Type: Draw Down
Test Duration: 30
Test Level: 30.0
Test Level UOM: ft

Water Details

Water ID: 933608543
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 62.0
Water Found Depth UOM: ft

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17 | ***1 of 1*** | ***SSE/140.5*** | ***184.4 / 2.81*** | ***lot 12 con 1 ON*** | ***WWIS***

Well ID: 2802106
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/07/1965
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1612
Form Version: 1
Owner:
County: HALTON
Lot: 012
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802106.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/05/1965
Year Completed: 1965
Depth (m): 20.7264
Latitude: 43.4975492502146
Longitude: -79.7320693566993
X: -79.73206920739052
Y: 43.49754924764952
Path: 280\2802106.pdf

Bore Hole Information

Bore Hole ID: 10148660
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 17
East83: 602509.60

Code OB Desc:		**North83:**	4816850.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/05/1965	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931427668
Layer: 1
Color:
General Color:
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427669
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427670
Layer: 3
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:	962802106
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697230
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930252958
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	68.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930252957
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	17.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992802106
Pump Set At:	
Static Level:	9.0
Final Level After Pumping:	14.0
Recommended Pump Depth:	55.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID: 933604149
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

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18 | **1 of 1** | **WNW/147.5** | **182.9 / 1.35** | **ARGO TRAFALGAR II CORPORATION** | **RSC**

ON

RSC No: B-402-5207944710
RA No:
Status: Active
Filing Date:
Date Ack:
Date Returned:
Approval Date: March 3, 2023
Cert Date:
Cert Prop Use No:
Curr Property Use:
Intended Prop Use:
Restoration Type:
Soil Type:
Criteria:
Stratified (Y/N):
Audit (Y/N):
Entire Leg Prop. (Y/N):
CPU Issu Sect 1686:
Business Name: ARGO TRAFALGAR II CORPORATION
Address:
Legal Desc:
Site Pin: 24930-1997 (LT)
Asmt Roll No:
Project Type: RSC based on Phase One ESA
Approval Type: RSC-RSC based on Phase One ESA
Applicable Standards:
PDF Link: https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2885096

X: -79.7386111115445
Y: 43.50333333241435
Latitude: 43.50333333
Longitude: -79.73861111
UTM Coordinates:
Latitude Longitude:
Accuracy Estimate:
Measurement Method:
Mailing Address:
Telephone:
Fax:
Email:
Postal Code:
Ministry District:
MOE District: Halton-Peel
SWP Area Name: Halton
Qual Person Name: Patrick Fioravanti
Consultant:

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19 | **1 of 1** | **WNW/162.2** | **182.8 / 1.22** | **Trafalgar Road & Burnhamthorpe Road East Oakville ON L6H 7B5** | **EHS**

Order No: 20190402014
Status: C
Report Type: Custom Report
Report Date: 08-APR-19
Date Received: 02-APR-19
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.738693
Y: 43.50347

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20 | **1 of 1** | **ESE/196.2** | **179.3 / -2.27** | **3371 Trafalgar Road Oakville ON L6H 7C1** | **EHS**

Order No: 24051301927
Status: C
Report Type: Custom Report
Report Date: 16-MAY-24
Date Received: 13-MAY-24
Previous Site Name:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -79.72827827
Y: 43.50009064

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Aerial Photos

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21 | **1 of 1** | **W/197.2** | **187.6 / 6.06** | **lot 13 con 2 ON** | **WWIS**

Well ID:	2802209	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	05/24/1967
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1612
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	013
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802209.pdf

Additional Detail(s) (Map)

Well Completed Date:	02/10/1967
Year Completed:	1967
Depth (m):	21.336
Latitude:	43.5005901263266
Longitude:	-79.7399839824942
X:	-79.73998383297744
Y:	43.50059012383512
Path:	280\2802209.pdf

Bore Hole Information

Bore Hole ID:	10148763	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	601864.60
Code OB Desc:		**North83:**	4817178.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	02/10/1967	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931427955
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427956
Layer:	3
Color:	7
General Color:	RED
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931427954
Layer:	1
Color:	
General Color:	
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	962802209
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10697333
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

Casing ID:	930253131
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70.0
Casing Diameter:	7.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930253130
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	52.0
Casing Diameter:	7.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992802209
Pump Set At:	
Static Level:	26.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	66.0
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	1.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933604261
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65.0
Water Found Depth UOM:	ft

22	***1 of 1***	***SE/201.6***	***183.0 / 1.44***	***3871 TRAFALGAR RD. lot 12 con 1 OAKVILLE ON***	***WWIS***

Well ID:	7132311	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	

Final Well Status:	Abandoned-Other	**Date Received:**	10/21/2009
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z098405	**Contractor:**	7219
Tag:	A085721	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	012
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	DS N
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7132311.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/07/2009
Year Completed:	2009
Depth (m):	
Latitude:	43.4972183982369
Longitude:	-79.7314652658292
X:	-79.73146511663425
Y:	43.497218395482264
Path:	713\7132311.pdf

Bore Hole Information

Bore Hole ID:	1002753522	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602559.00
Code OB Desc:		**North83:**	4816814.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	10/07/2009	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002960145
Layer:	4
Plug From:	13.710000038146973
Plug To:	18.280000686645508
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID: 1002960144

Layer: 3
Plug From: 3.9600000381469727
Plug To: 13.710000038146973
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002960142
Layer: 1
Plug From: 0.0
Plug To: 1.5199999809265137
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002960143
Layer: 2
Plug From: 1.5199999809265137
Plug To: 3.9600000381469727
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002960150
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1002960138
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002960147
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.0
Depth To: 20.420000076293945
Casing Diameter: 15.239999771118164
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002960148
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1002960139
Pump Set At:	
Static Level:	5.480000019073486
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	0
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

Water Details

Water ID:	1002960146
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1002960141
Diameter:	15.239999771118164
Depth From:	0.0
Depth To:	20.420000076293945
Hole Depth UOM:	m
Hole Diameter UOM:	cm

23 ***1 of 1*** ***W/239.5*** ***187.6 / 6.04*** ***lot 13 con 2 ON*** ***WWIS***

Well ID:	2802207	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Livestock	***Data Entry Status:***	
Use 2nd:	Domestic	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	01/04/1957
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1642
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	013
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	DS N
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/280\2802207.pdf

Additional Detail(s) (Map)

Well Completed Date: 11/09/1956
Year Completed: 1956
Depth (m): 20.1168
Latitude: 43.5002511802537
Longitude: -79.7402755270688
X: -79.74027537754688
Y: 43.50025117775834
Path: 280\2802207.pdf

Bore Hole Information

Bore Hole ID: 10148761
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/09/1956
Remarks:
Elevation:
Elevrc:
Zone: 17
East83: 601841.60
North83: 4817140.00
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9
Location Method Desc: Original Pre1985 UTM Rel Code 9: unknown UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931427949
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 49.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427948
Layer: 1
Color:
General Color:
Material 1: 23
Material 1 Desc: PREVIOUSLY DUG
Material 2:
Material 2 Desc:
Material 3:

Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931427950
Layer: 3
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 49.0
Formation End Depth: 66.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962802207
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10697331
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930253126
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 12.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930253127
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 49.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930253128
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	66.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992802207
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	
Pumping Rate:	1.0
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933604259
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62.0
Water Found Depth UOM:	ft

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24 ***1 of 1*** ***SSW/246.0*** ***184.8 / 3.26*** ***ON*** ***WWIS***

Well ID:	7276686	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	Yes
Use 2nd:		***Data Src:***	
Final Well Status:		***Date Received:***	12/08/2016
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	C35133	***Contractor:***	7215
Tag:	A218531	***Form Version:***	8
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OAKVILLE TOWN		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Site Info:

Additional Detail(s) (Map)

Bore Hole ID:	1006303046	***Tag No:***	A218531
Depth M:		***Contractor:***	7215
Year Completed:	2016	***Latitude:***	43.4975186920829
Well Completed Dt:	11/15/2016	***Longitude:***	-79.7366291291162
Audit No:	C35133	***Y:***	43.49751868979578
Path:		***X:***	-79.73662897976612

Bore Hole Information

Bore Hole ID:	1006303046	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	602141.00
Code OB Desc:		***North83:***	4816841.00
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/15/2016	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

25	***1 of 3***	***W/273.3***	***188.7 / 7.15***	***Regional Municipality of Halton Water & Wastewater System Services 4030 Trafalgar Road Oakville ON L6H 7C2***	***GEN***

Generator Info

Generator No:	ON9224034	***Choice of Contact:***	
Approval Years:	As of Oct 2022	***Contaminated Fac:***	
Status:	Registered	***MHSW Facility:***	
PO Box No:		***SIC Code:***	
Country:	Canada		
Co Admin:			
Phone No Admin:			
SIC Description:			

Waste Detail(s)

Waste Class:	221 L
Waste Class Name:	LIGHT FUELS

Waste Detail(s)

Waste Class:	221 B
Waste Class Name:	LIGHT FUELS

25	***2 of 3***	***W/273.3***	***188.7 / 7.15***	***4030 Trafalgar Rd. Oakville, ON. OAKVILLE ON***	***SPL***

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB

Ref No:	1-1LTY9Q	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	2/14/2022 7:00:00 AM	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	2/14/2022 7:52:55 AM	***Impact to Health:***	0 No Impact
Dt Document Closed:		***Agency Involved:***	
Site No:			
MOE Response:	Desktop Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Halton-Peel District Office		
Nearest Watercourse:			
Site Name:			
Site Address:	4030 Trafalgar Rd. Oakville, ON.		
Site Region:	REGIONAL MUNICIPALITY OF HALTON		
Site Municipality:	OAKVILLE		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Entity Operating Name:			
Client Name:			
Client Type:			
Source Type:	Motor Vehicle		
Incident Cause:			
Incident Preceding Spill:	Overfill		
Incident Reason:	Human error (Specify)		
Incident Summary:	Aecon/Somerville: 1-3000L of Diesl to Ground/CB		
Environment Impact:	1 Minor Impact		
Health Env Consequence:			
Nature of Impact:			
Contaminant Qty:	3000 litre (L)		
Contaminant Qty 1:			
Contaminant Unit:			
Contaminant Code:			
Contaminant Name:	DIESEL FUEL		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land; Surface Water		
Activity Preceding Spill:	Truck to truck transfer		
Property 2nd Watershed:	Lake Ontario and Niagara Peninsula		
Property Tertiary Watershed:	02HB-Credit - 16 Mile		
Sector Type:	INDUSTRIAL BUILDING AND STRUCTURE CONSTRUCTION		
SAC Action Class:			
Call Report Locatn Geodata:	{"integration_ids":["PR00000444460"],"wkts":["POINT (-79.7414334000 43.5014318000)"],"creation_date":"2022-02-14"}		
Time Reported:			
System Facility Address:			

25	***3 of 3***	***W/273.3***	***188.7 / 7.15***	***The Regional Municipality of Halton a€" Halton Public Works Burnamthorpe Bulk Water Station, 4030 Trafalgar Road Oakville ON***	***GEN***

Generator Info as of July 2024

Generator No:	ON9224034
Generator Company Name:	The Regional Municipality of Halton â€" Halton Public Works

Street: Burnamthorpe Bulk Water Station, 4030 Trafalgar Road
City: Oakville
Province State: Ontario
Country: Canada
Postal Code: L6H7C2
Waste Class: 221 B, 221 L

Waste Class Decoded:

221 - LIGHT FUELS; 221 - LIGHT FUELS

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26 | **1 of 1** | **SSE/287.5** | **181.4 / -0.20** | **TRAFALGAR RD. SOUTH OF HWY 407 TO GLENASHTON DR. MILTON ON** | **WWIS**

Well ID:	7224933	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Monitoring	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Observation Wells	**Date Received:**	07/31/2014
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z189607	**Contractor:**	7472
Tag:	A165985	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	HALTON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	
Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	OAKVILLE TOWN		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7224933.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/25/2014
Year Completed:	2014
Depth (m):	9.2
Latitude:	43.4963416272487
Longitude:	-79.7311620406095
X:	-79.73116189138204
Y:	43.496341624622445
Path:	722\7224933.pdf

Bore Hole Information

Bore Hole ID:	1005006699	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	602585.00
Code OB Desc:		**North83:**	4816717.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	06/25/2014	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Location Method Desc:	on Water Well Record		
Elevrc Desc:			

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	1005259437
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	06
Material 2 Desc:	SILT
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	1.5
Formation End Depth:	4.599999904632568
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005259438
Layer:	3
Color:	2
General Color:	GREY
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	79
Material 3 Desc:	PACKED
Formation Top Depth:	4.599999904632568
Formation End Depth:	9.199999809265137
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005259436
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	01
Material 1 Desc:	FILL
Material 2:	11
Material 2 Desc:	GRAVEL
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	1.5
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005259447
Layer:	2

Plug From: 5.900000095367432
Plug To: 9.199999809265137
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005259446
Layer: 1
Plug From: 0.0
Plug To: 5.900000095367432
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005259445
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1005259435
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005259441
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0.0
Depth To: 6.199999809265137
Casing Diameter: 5.199999809265137
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1005259442
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005259443
Layer: 1
Slot: 10
Screen Top Depth: 6.199999809265137
Screen End Depth: 9.199999809265137
Screen Material: 5
Screen Depth UOM: m

Screen Diameter UOM: cm
Screen Diameter: 6.400000095367432

Water Details

Water ID: 1005259440
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005259439
Diameter: 21.0
Depth From: 0.0
Depth To: 9.199999809265137
Hole Depth UOM: m
Hole Diameter UOM: cm

Unplottable Summary

Total: 29 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	The Regional Municipality of Halton	Trafalgar Rd	Oakville ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA		Trafalgar Road	Oakville ON	
CA	Uptown Core Lands	Lot 13, Concession 1	Oakville ON	
CA	Uptown Core Lands	Lot 13, Concession 1	Oakville ON	
CA		Part of Lot 12, Concession 1	Oakville ON	
CA		Part of Lot 12, Concession 1	Oakville ON	
CA	Trafalgar Road Townhouse Development	Trafalgar Road	Oakville ON	
CA		Trafalgar Road	Oakville ON	
CA		Part of Lot 13, Con 2 North of Burnhamthorpe Rd East and West of Trafalgar Rd	Oakville ON	
CA	R.M. OF HALTON	TRAFALGAR RD.	OAKVILLE TOWN ON	
CA		Trafalgar Road	Oakville ON	
EBR	Dundas-Trafalgar Inc.	Part of Lot 12, Concession 1 North of Dundas Oakville Regional Municipality of Halton L6H 7C2 TOWN OF OAKVILLE	ON	
ECA	Dundas - Trafalgar Inc.	Part of Lot 12, Concession 1 North of Dundas	Oakville ON	M2N 3A1
PTTW	Dundas-Trafalgar Inc.	Dewatering for Construction of SWM Facility Part of Lot 12 Concession 1 North of Dundas, Town of Oakville, Regional Municipality of Halton REGIONAL	MUNICIPALITY OF HALTON TOWN OF OAKVILLE ON	
WWIS		con 2	ON	

WWIS	con 2	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	lot 13 con 2	ON
WWIS	lot 12 con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON
WWIS	con 1	ON

Unplottable Report

Site: ***The Regional Municipality of Halton***
Trafalgar Rd Oakville ON

Database: ***CA***

Certificate #:	9290-74AH77
Application Year:	2007
Issue Date:	6/25/2007
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***R.M. OF HALTON***
TRAFALGAR RD. OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	3-1237-89-
Application Year:	89
Issue Date:	7/7/1989
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site:
Trafalgar Road Oakville ON

Database: ***CA***

Certificate #:	4501-4RXKUF
Application Year:	00
Issue Date:	12/21/00
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Longboat Development (1986) Corporation
Client Address:	228 Lakewood Drive
Client City:	Oakville
Client Postal Code:	L6K 1B2
Project Description:	This is an application for Municipal and Private Water Works Certificate of Approval to construct a watermain.
Contaminants:	
Emission Control:	

Site: ***Uptown Core Lands***
Lot 13, Concession 1 Oakville ON

Database: ***CA***

Certificate #:	0362-4TSSQJ

Application Year: 01
Issue Date: 2/12/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Silwell Developments Limited
Client Address: 1 Yorkdale Road, Suite 510
Client City: Toronto
Client Postal Code: M6A 3A1
Project Description: Installation of watermains on Georgian Drive, Littlewood Drive
Contaminants:
Emission Control:

Site: ***Uptown Core Lands***
Lot 13, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 8514-4TST3N
Application Year: 01
Issue Date: 2/12/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Silwell Developments Limited
Client Address: 1 Yorkdale Road, Suite 510
Client City: Toronto
Client Postal Code: M6A 3A1
Project Description: Storm and sanitary sewers to be constructed on Roxton Road, Gatwick Drive
Contaminants:
Emission Control:

Site:
Part of Lot 12, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 2366-4W4RFR
Application Year: 01
Issue Date: 5/1/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Penex Property (Trafalgar) Ltd.
Client Address: 370 King Street West, Suite 400
Client City: Toronto
Client Postal Code: M5V 1J9
Project Description: Construction of watermains on Streets 'A' and 'B'
Contaminants:
Emission Control:

Site:
Part of Lot 12, Concession 1 Oakville ON

Database: ***CA***

Certificate #: 2846-4W4QYF
Application Year: 01
Issue Date: 5/1/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Penex Property (Trafalgar) Ltd.
Client Address: 370 King Street West, Suite 400
Client City: Toronto
Client Postal Code: M5V 1J9
Project Description: Construction of storm and sanitary sewers on Streets 'A' and 'B' and storm sewer only on the easement from approx. 72m north of Street 'A'
Contaminants:
Emission Control:

Site: ***Trafalgar Road Townhouse Development***
Trafalgar Road Oakville ON

Database: ***CA***

Certificate #:	1210-5DETKS
Application Year:	02
Issue Date:	8/29/02
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Manor Hill Properties Inc.
Client Address:	115 Sheppard Avenue West
Client City:	Toronto
Client Postal Code:	M2N 1M7
Project Description:	Approval is sought for the construction of storm and sanitary sewers on Street A.
Contaminants:	
Emission Control:	

Site:
Trafalgar Road Oakville ON

Database: ***CA***

Certificate #:	3206-53FKG3
Application Year:	01
Issue Date:	10/15/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	This application is for the construction of watermains on Trafalgar Road.
Contaminants:	
Emission Control:	

Site:
Part of Lot 13, Con 2 North of Burnhamthorpe Rd East and West of Trafalgar Rd Oakville ON

Database: ***CA***

Certificate #:	3785-54UPXS
Application Year:	01
Issue Date:	12/13/01
Approval Type:	Municipal & Private water
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Corporation of the Regional Municipality of Halton
Client Address:	1151 Bronte Road
Client City:	Oakville
Client Postal Code:	L6M 3L1
Project Description:	This application is for an above ground water storage tank having a high water level of 236 m and available storage volume of approximately 4,550 m3 (Alternative 1), or 6,830 m 3 (Alternative 2).
Contaminants:	
Emission Control:	

Site: ***R.M. OF HALTON***
TRAFALGAR RD. OAKVILLE TOWN ON

Database: ***CA***

Certificate #:	7-1043-89-
Application Year:	89
Issue Date:	7/7/1989
Approval Type:	Municipal water
Status:	Approved
Application Type:	

Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Database:***
Trafalgar Road Oakville ON ***CA***

Certificate #: 8127-4RXLP7
Application Year: 00
Issue Date: 12/21/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Longboat Development (1986) Corporation
Client Address: 228 Lakewood Drive
Client City: Oakville
Client Postal Code: L6K 1B2
Project Description: This is an application for Municipal and Private Sewage Works Certificate of Approval to construct a sanitary sewer.
Contaminants:
Emission Control:

Site: ***Dundas-Trafalgar Inc.*** ***Database:***
Part of Lot 12, Concession 1 North of Dundas Oakville Regional Municipality of Halton L6H 7C2 TOWN OF OAKVILLE ON ***EBR***

EBR Registry No: 012-6924 ***Decision Posted:***
Ministry Ref No: 7169-A7GJ5N ***Exception Posted:***
Notice Type: Instrument Decision ***Section:***
Notice Stage: ***Act 1:***
Notice Date: May 19, 2016 ***Act 2:***
Proposal Date: February 29, 2016 ***Site Location Map:***
Year: 2016
Instrument Type: (EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)
Off Instrument Name:
Posted By:
Company Name: Dundas-Trafalgar Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 90 Sheppard avenue East , 500, Toronto Ontario, Canada M2N 3A1
Comment Period:
URL:
Summary:

Site Location Details:

Part of Lot 12, Concession 1 North of Dundas Oakville Regional Municipality of Halton L6H 7C2 TOWN OF OAKVILLE

Site: ***Dundas - Trafalgar Inc.*** ***Database:***
Part of Lot 12, Concession 1 North of Dundas Oakville ON M2N 3A1 ***ECA***

Approval No: 5527-A5FJZQ ***MOE District:***
Approval Date: 2015-12-30 ***City:***
Status: Revoked and/or Replaced ***Longitude:***
Record Type: ECA ***Latitude:***
Link Source: IDS ***Geometry X:***
SWP Area Name: ***Geometry Y:***
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name:	Dundas - Trafalgar Inc.
Address:	Part of Lot 12, Concession 1 North of Dundas
Full Address:	
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0125-A57PWY-14.pdf
PDF Site Location:	

Site: ***Dundas-Trafalgar Inc.***
Dewatering for Construction of SWM Facility Part of Lot 12 Concession 1 North of Dundas, Town of Oakville, Regional Municipality of Halton REGIONAL MUNICIPALITY OF HALTON TOWN OF OAKVILLE ON

Database: ***PTTW***

EBR Registry No:	012-6537	***Decision Posted:***	
Ministry Ref No:	3028-A65HL3	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	March 09, 2016	***Act 2:***	
Proposal Date:	January 25, 2016	***Site Location Map:***	
Year:	2016		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Dundas-Trafalgar Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	90 Sheppard Avenue East , Suite 500, Toronto Ontario, Canada M2N 3A1		
Comment Period:			
URL:			
Summary:			

Site Location Details:

Dewatering for Construction of SWM Facility Part of Lot 12 Concession 1 North of Dundas, Town of Oakville, Regional Municipality of Halton REGIONAL MUNICIPALITY OF HALTON TOWN OF OAKVILLE

Site:
con 2 ON

Database: ***WWIS***

Well ID:	2809506	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Abandoned-Other	***Date Received:***	12/14/2001
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	234056	***Contractor:***	1660
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	02
Well Depth:		***Concession Name:***	DS S
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OAKVILLE TOWN		
Site Info:			

Bore Hole Information

Bore Hole ID:	10518560	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/21/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809506
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11067130
Casing No: 1
Comment:
Alt Name:

Site:
con 2 ON

Database: ***WWIS***

Well ID: 2809505
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 234055
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
County: HALTON
Lot:
Concession: 02
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518559
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/21/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Method of Construction & Well Use

Method Construction ID: 962809505
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11067129
Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 2808555
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 181752
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/14/1997
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4005
Form Version: 1
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10154812
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/29/1997
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock

Materials Interval

Formation ID: 931452083
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 18.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931452084
Layer: 3
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 18.0
Formation End Depth: 27.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931452086
Layer: 5
Color: 2
General Color: GREY
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 60.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931452082
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452085
Layer: 4
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931452087
Layer: 6
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 97.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962808555
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10703382
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930263412
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 27.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930263413
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 992808555
Pump Set At:
Static Level:
Final Level After Pumping:
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809579
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 228758
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/22/2002
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3349
Form Version: 1
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10525254
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/22/2002
Remarks:
Location Method Desc: Not Applicable i.e. no UTM

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932862502
Layer: 1
Color: 8
General Color: BLACK
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932862503
Layer: 2
Color: 2
General Color: GREY
Material 1: 00
Material 1 Desc: UNKNOWN TYPE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 2.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933226412
Layer: 1
Plug From: 1.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809579
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11073824
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930264967
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930264966
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	992809579
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	934017948
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6.0
Water Found Depth UOM:	ft

Site:
con 1 ON

Database:
WWIS

Well ID:	2809497	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Commerical	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	12/14/2001
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	234052	***Contractor:***	1660
Tag:		***Form Version:***	1

Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518551
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/05/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932838878
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3:
Material 3 Desc:
Formation Top Depth: 22.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838881
Layer: 5
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 46.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838879
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 84
Material 2 Desc: SILTY
Material 3:
Material 3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 41.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838880
Layer: 4
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 41.0
Formation End Depth: 46.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838877
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 22.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221257
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809497
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11067121
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264891
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264892
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 992809497
Pump Set At:
Static Level: 32.0
Final Level After Pumping: 68.0
Recommended Pump Depth: 70.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934716703
Test Type: Draw Down
Test Duration: 45
Test Level: 62.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934978482
Test Type: Draw Down
Test Duration: 60
Test Level: 68.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934175812
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934458203
Test Type: Draw Down
Test Duration: 30
Test Level: 51.0
Test Level UOM: ft

Water Details

Water ID: 934010628
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809498
Construction Date:
Use 1st: Commerical
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 234053
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/14/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10518552
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 01/10/2001

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM

Remarks: ***Location Method:*** na
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932838882
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838886
Layer: 5
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 48.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838883
Layer: 2
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3:
Material 3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838885
Layer: 4

Color: 2
General Color: GREY
Material 1: 06
Material 1 Desc: SILT
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 33.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838884
Layer: 3
Color: 2
General Color: GREY
Material 1: 29
Material 1 Desc: FINE GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932838887
Layer: 6
Color: 7
General Color: RED
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 48.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933221258
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962809498
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11067122
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930264894
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930264893
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 992809498
Pump Set At:
Static Level: 27.0
Final Level After Pumping: 65.0
Recommended Pump Depth: 70.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934175813
Test Type: Draw Down
Test Duration: 15
Test Level: 36.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934716704
Test Type: Draw Down
Test Duration: 45
Test Level: 57.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934458204
Test Type: Draw Down
Test Duration: 30
Test Level: 48.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934978483
Test Type: Draw Down
Test Duration: 60
Test Level: 65.0
Test Level UOM: ft

Water Details

Water ID: 934010629
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 68.0
Water Found Depth UOM: ft

Site:
lot 13 con 2 ON

Database: ***WWIS***

Well ID: 2806374
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 12/31/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3637
Form Version: 1
Owner:
County: HALTON
Lot: 013
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009074078
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/26/1983
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Source Revision Comment:
Supplier Comment:

Site:
lot 12 con 1 ON

Database:
WWIS

Well ID: 2806217
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 11/19/1984
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3349
Form Version: 1
Owner:
County: HALTON
Lot: 012
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1009074057
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/20/1983
Remarks:
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS: UTM83
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: wwr

Site:
con 1 ON

Database:
WWIS

Well ID: 2809820
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259726
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Municipality: OAKVILLE TOWN
Site Info:

Bore Hole Information

Bore Hole ID: 11098123
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809820
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101838
Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 2809819
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259727
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098122
DP2BR:

Elevation:
Elevrc:

Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/18/2003	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	962809819
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	11101837
Casing No:	1
Comment:	
Alt Name:	

Site: ***Database:*** ***WWIS***

con 1 ON

Well ID:	2809818	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Not A Well	***Date Received:***	11/10/2003
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	259728	***Contractor:***	7215
Tag:		***Form Version:***	2
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	HALTON
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	DS S
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	OAKVILLE TOWN		
Site Info:			

Bore Hole Information

Bore Hole ID:	11098121	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/18/2003	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		

Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Method of Construction & Well Use

Method Construction ID: 962809818
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101836
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809817
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 259729
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098120
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809817
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101835
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809816
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Not A Well
Water Type:
Casing Material:
Audit No: 259730
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098119
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809816
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101834
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 2809815
Construction Date:
Use 1st: Not Used
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 257909
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: OAKVILLE TOWN
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/10/2003
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7215
Form Version: 2
Owner:
County: HALTON
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11098118
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/18/2003
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Method of Construction & Well Use

Method Construction ID: 962809815
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11101833
Casing No: 1
Comment:
Alt Name:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ***Note:*** *Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory: Provincial AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2024

Abandoned Mine Information System: Provincial AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Apr 2024

Anderson's Waste Disposal Sites: Private ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors: Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations: Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Feb 2025

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Mar 2025

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Feb 28, 2025

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2024

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry: Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Mar 31, 2025

Environmental Registry: Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Feb 28, 2025

Environmental Compliance Approval: Provincial ECA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Mar 31, 2025

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Aug 31, 2024

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment, Conservation and Parks (MECP). These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2024

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Jan 2025

Fisheries & Oceans Fuel Tanks: Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: Oct 31, 2021

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jun 30, 2024

Greenhouse Gas Emissions from Large Facilities: Federal GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Apr 2024

TSSA Historic Incidents: Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

Canadian Mine Locations: Private MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2025

National Analysis of Trends in Emergencies System (NATES): Federal NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

The Ministry of the Environment Conservation and Parks (MECP) provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

Government Publication Date: Dec 31, 2023

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Dec 31, 2024

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic: Federal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-May 31, 2024

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database includes well owner/operator, location, permit issue date, and well cap date, license number, status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provided for each well record.

Government Publication Date: 1800-Aug 2024

Inventory of PCB Storage Sites: Provincial OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994 - Feb 28, 2025

Canadian Pulp and Paper: Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Mar 31, 2025

Ontario PFAS Spills: Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2024; Aug 2024; Oct-Nov 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Feb 2024

Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks: Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994 - Feb 28, 2025

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2025

Retail Fuel Storage Tanks: Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory: Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Jun 2024; Aug-Jan 2025

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks: Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2024

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.
Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011 - Mar 31, 2025

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Dec 31 2023

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX F

Conservation Halton Regulation Mapping

5/9/2025, 4:49:19 PM

- Approximate Regulation Limit
- Shoreline 100 year Flood Elevation Hazard
- Shoreline Dynamic Beach Hazard
- Shoreline Hazard
- Stable Top of Bank (STOB) Hazard
- Wetland Hazard
- Spill Zone Hazards
- Floodplain Hazard
- Headwater Floodplain Hazard
- Meander Belt Hazard
- Consult Conservation Halton
- Spill Arrows
- Spill Lines

Waterflow

- Non-Regulated
- Regulated
- Conservation Halton

1:9,028

0 0.05 0.1 0.2 mi

0 0.07 0.15 0.3 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Conservation Halton, 2025, Peel Region, Town of Oakville, Maxar, Conservation Halton

Conservation Halton, 2023

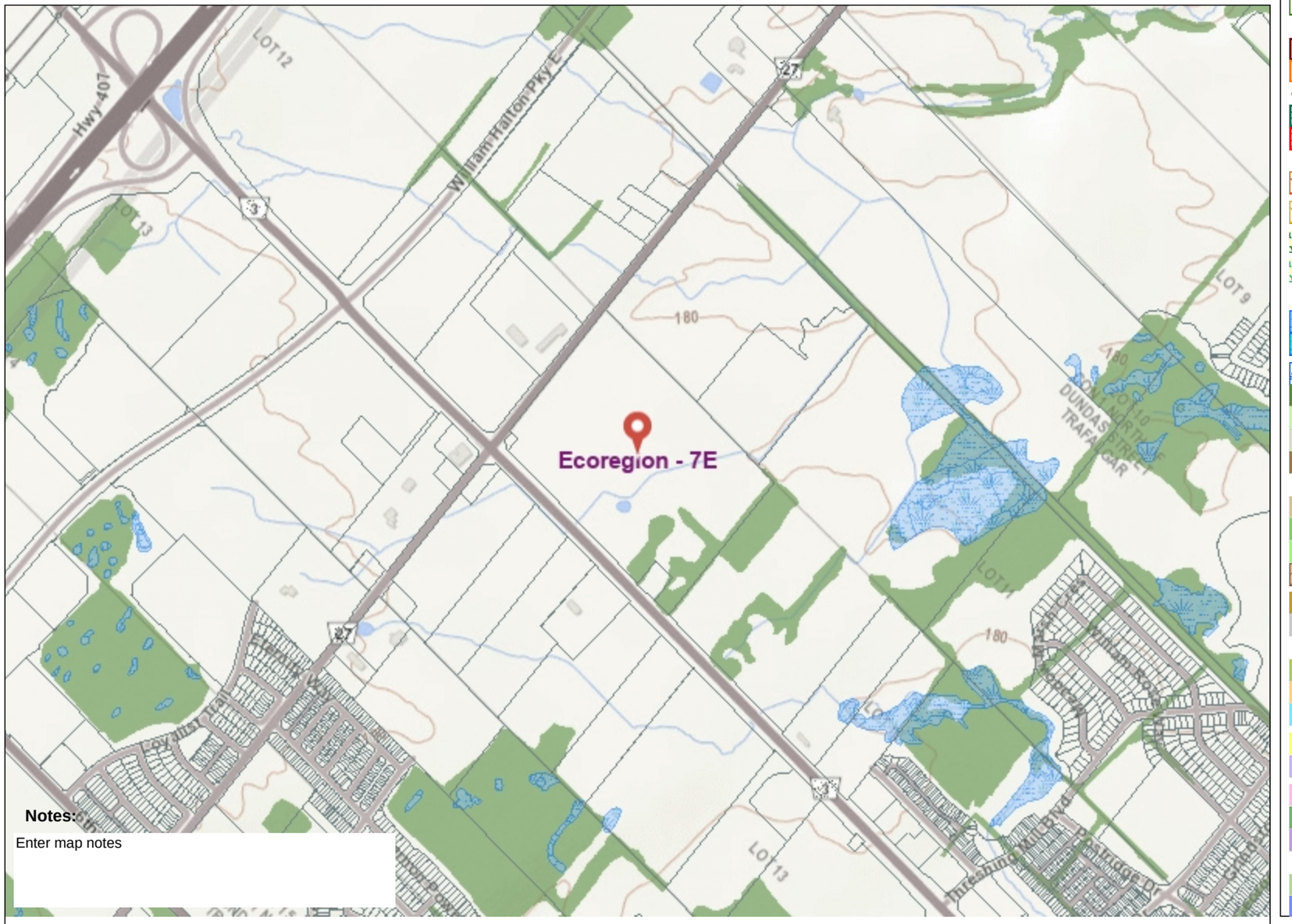
Ontario

Ministry of Natural Resources

Make-a-Map: Natural Heritage Areas

Burnhamthorpe & Trafalgar, Oakville

Map created:4/29/2025



Notes:

Enter map notes

Legend

- Assessment Parcel
- Ecoregion
- Greenbelt Area Boundary
- Greenbelt Hamlets
- ORM Boundary
- NEP Boundary
- Greenbelt External Connections
- NEP Parks and Open Space System
- NEP Minor Urban Centres
- ANSI
- Earth Science Provincially Significant/sciences de la terre d'importance provinciale
- Earth Science Regionally Significant/sciences de la terre d'importance régionale
- Life Science Provincially Significant/sciences de la vie d'importance provinciale
- Life Science Regionally Significant/sciences de la vie d'importance régionale
- Evaluated Wetland
- Provincially Significant/considérée d'importance provinciale
- Non-Provincially Significant/non considérée d'importance provinciale
- Unevaluated Wetland
- Woodland
- Conservation Reserve
- Provincial Park
- Greenbelt Towns and Villages
- ORM Land Use Designation
- Countryside Area/zone de campagne
- Natural Core Area/zone centrale naturelle
- Natural Linkage Area/lien naturel
- Palgrave Estates Residential Community/communauté résidentielle de Palgrave Estates
- Rural Settlement/zone de peuplement rurale
- Settlement Area/zone de peuplement
- NEP Land Use Designation
- Escarpment Natural Area/zone naturelle de l'escarpement
- Escarpment Protection Area/zone protégée l'escarpement
- Escarpment Recreation Area/zone récréative de l'escarpement
- Escarpment Rural Area/zone rurale de l'escarpement
- Mineral Resource Extraction Area/zone d'extraction de resources minérales
- Urban Area/zone urbaine
- Natural Heritage System
- Greenbelt Specialty Crop Area
- Greenbelt Land Use Designation
- Protected Countryside/campagne protégé
- Urban River Valley/vallée fluviale urbaine

0.7 0 0.33 0.7 Kilometres

Absence of a feature in the map does not mean they do not exist in this area.

Burnhamthorpe & Trafalgar, Oakville

Legend

- Issue Contributing Areas
- WHPA-E
- Wellhead Protection Area
  - A
  - B
  - C
  - C1
  - D
  - F
- Intake Protection Zone 1
- Event Based Areas
- Intake Protection Zone 2
- Source Protection Areas

This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Environment, Conservation and Parks (MECP) shall not be liable in any way for the use or any information on this map. of, or reliance upon, this map.

Ontario

Map Created: 4/29/2025
Map Center: 43.50243 N, -79.7329 W

Dilsha Shaji

From: Public Information Services <publicinformationservices@tssa.org>
Sent: April 29, 2025 10:24 AM
To: Dilsha Shaji
Subject: RE: 25-069 TSSA RECORDS

Hello ,

NO RECORDS FOUND IN CURRENT DATABASE:

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives . For a further search in our archives, please go to the **TSSA Client Portal** to complete an Application for Release of Public Information.

Please refer to How to Submit a Public Information Request (tssa.org) for instructions.
The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org .

Kind regards,

Aleena Tahir | Public Information & Records Agent
Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3546 | E-Mail: ATahir@tssa.org
www.tssa.org

From: Dilsha Shaji <dshaji@groundedeng.ca>

Sent: April 29, 2025 10:05 AM
To: Public Information Services <publicinformationservices@tssa.org>
Cc: Kristen Shaver <kshaver@groundedeng.ca>
Subject: 25-069 TSSA RECORDS

To Whom This May Concern,

I am doing a Phase One ESA and would like to request a preliminary basic record search for the following properties in Oakville, Ontario. The addresses of interest are listed below:

- **340 Burnhamthorpe Rd E, Oakville, ON L6H 7B4**
- 3437 Trafalgar Rd, Oakville, ON L6H 7C1
- 391 Burnhamthorpe Rd E, Oakville, ON L6H 7B4
- 479 Burnhamthorpe Rd E, Oakville, ON L6H 7B4
- 4002 Trafalgar Rd, Oakville, ON L6H 7B8
- 275 Burnhamthorpe Rd E, Oakville, ON L6H 7B6
- 3444 Halton Regional Rd 3, Oakville, ON L6H 7C1
- 273 Burnhamthorpe Rd E, Oakville, ON L6H 7B5
- 4030 Trafalgar Rd, Oakville, ON L6H 7B7
- 3371 Trafalgar Rd, Oakville, ON L6H 7C1

Thankyou,

Dilsha Shaji
Office Technician,Environmental Engineering Services

Grounded Engineering Inc.
1 Banigan Drive, Toronto, M4H 1G3
dshaji@groundedeng.ca|www .groundedeng. ca

Ministry of the Environment, Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

Ministère de l'Environnement, de la Protection de la nature et des Parcs

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2

Ontario

May 30, 2025

Kristen Shaver
Grounded Engineering Inc.
1 Banigan Drive
Toronto, Ontario M4H 1G3
kshaver@groundedeng.ca

Dear Kristen Shaver:

RE: **MECP FOI A-2025-03624, Your Reference 25-069 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

340 Burnhamthorpe Road East AND 3437 Trafalgar Road, Oakville

Timeframe: Jan 1, 1810 to May 29, 2025

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned. This file is now closed.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at http://www.ipc.on.ca. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Christian Brodersen at christian.brodersen@ontario.ca.

Yours truly,

Christian Brodersen

for
Josephine DeSouza
Manager, Access and Privacy Office

APPENDIX G

HISTORICAL AERIALS

Project Property: Burnhamthorpe & Trafalgar,
Oakville
340 Burnhamthorpe Rd E, Oakville
Oakville ON L6H 7B4

Project No: 25-069

Requested By: Grounded Engineering Inc.

Order No: 25042900427

Date Completed: May 06,2025

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2023	Maxar Technologies	10,000	
1985	National Air Photo Library	10,000	
1970	National Air Photo Library	10,000	
1965	National Air Photo Library	10,000	
1946	National Air Photo Library	10,000	
1934	National Air Photo Library	10,000	


N
GROUNDED
ENGINEERING
YEAR: 2025

Year: 2023
Source: MAXAR
Scale: 10,000
Comment:

Address: 340 Burnhamthorpe Rd E, Oakville, Oakville, ON
Approx Center: -79.73422435,43.50133784

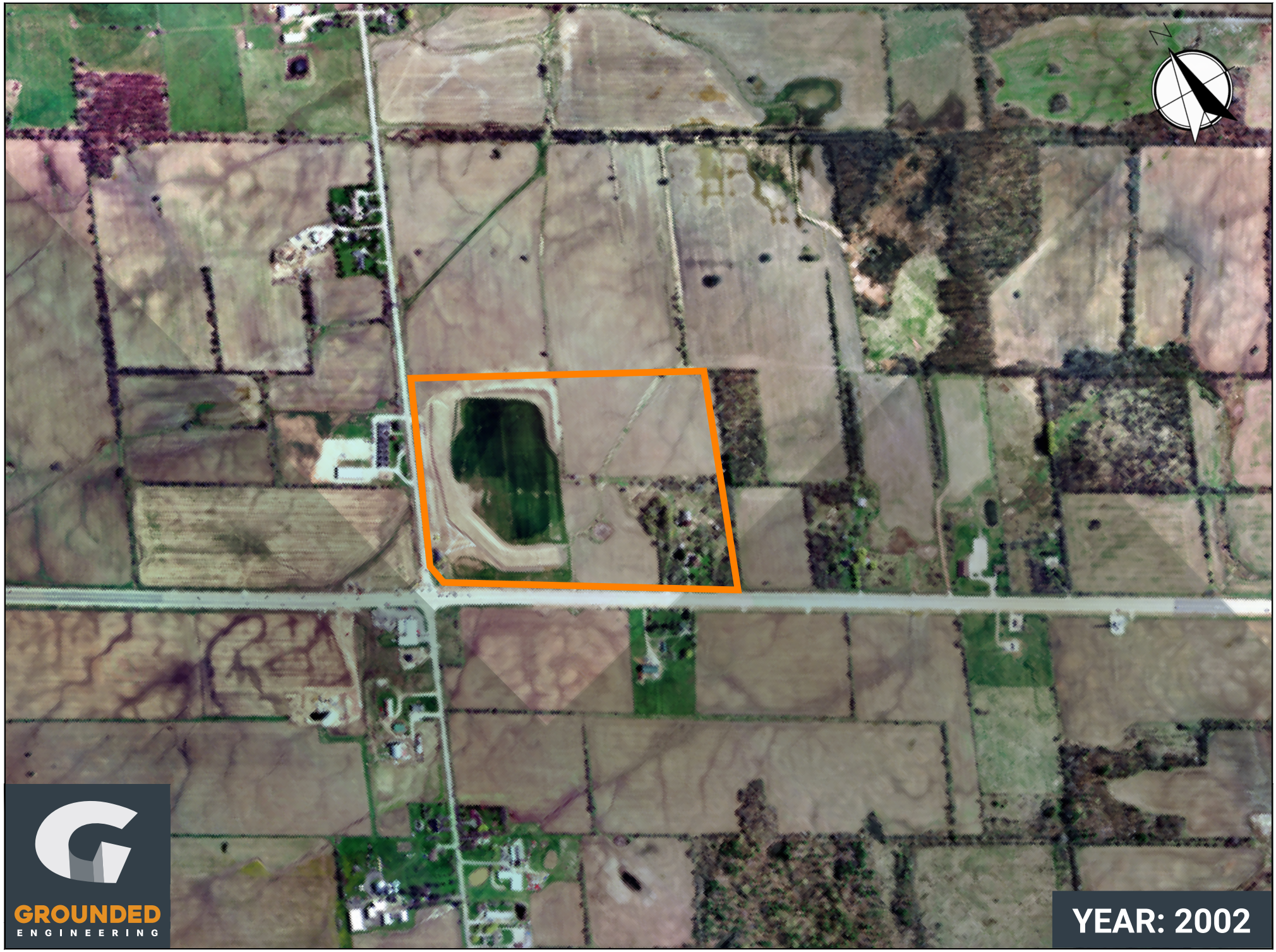
Order No: 25042900427

ERIS


GROUNDED
ENGINEERING
YEAR: 2019


N
GROUNDED
ENGINEERING
YEAR: 2015


GROUNDED
ENGINEERING
YEAR: 2007


N
GROUNDED
ENGINEERING
YEAR: 2002


N
GROUNDED
ENGINEERING
YEAR: 1995

Year: 1985
Source: NAPL
Scale: 10,000
Comment:

Address: 340 Burnhamthorpe Rd E, Oakville, Oakville, ON
Approx Center: -79.73422435,43.50133784

Order No: 25042900427

ERIS

Year: 1970
Source: NAPL
Scale: 10,000
Comment:

Address: 340 Burnhamthorpe Rd E, Oakville, Oakville, ON
Approx Center: -79.73422435,43.50133784

Order No: 25042900427

ERIS

Year: 1965
Source: NAPL
Scale: 10,000
Comment:

Address: 340 Burnhamthorpe Rd E, Oakville, Oakville, ON
Approx Center: -79.73422435,43.50133784

Order No: 25042900427

ERIS

Year: 1946
Source: NAPL
Scale: 10,000
Comment:

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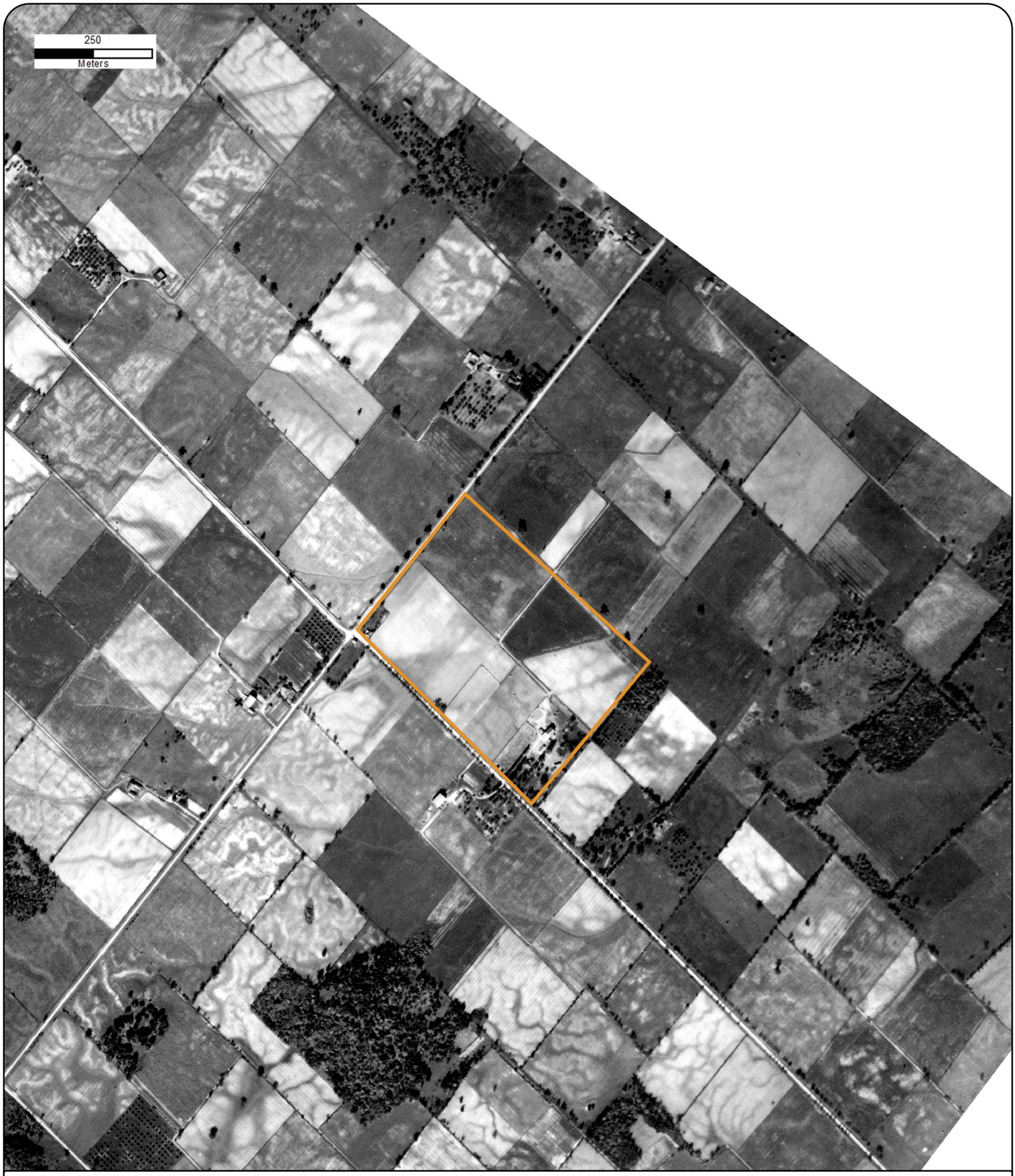
Order No: 25042900427

ERIS



Year: 1934
Source: NAPL
Scale: 10,000
Comment:

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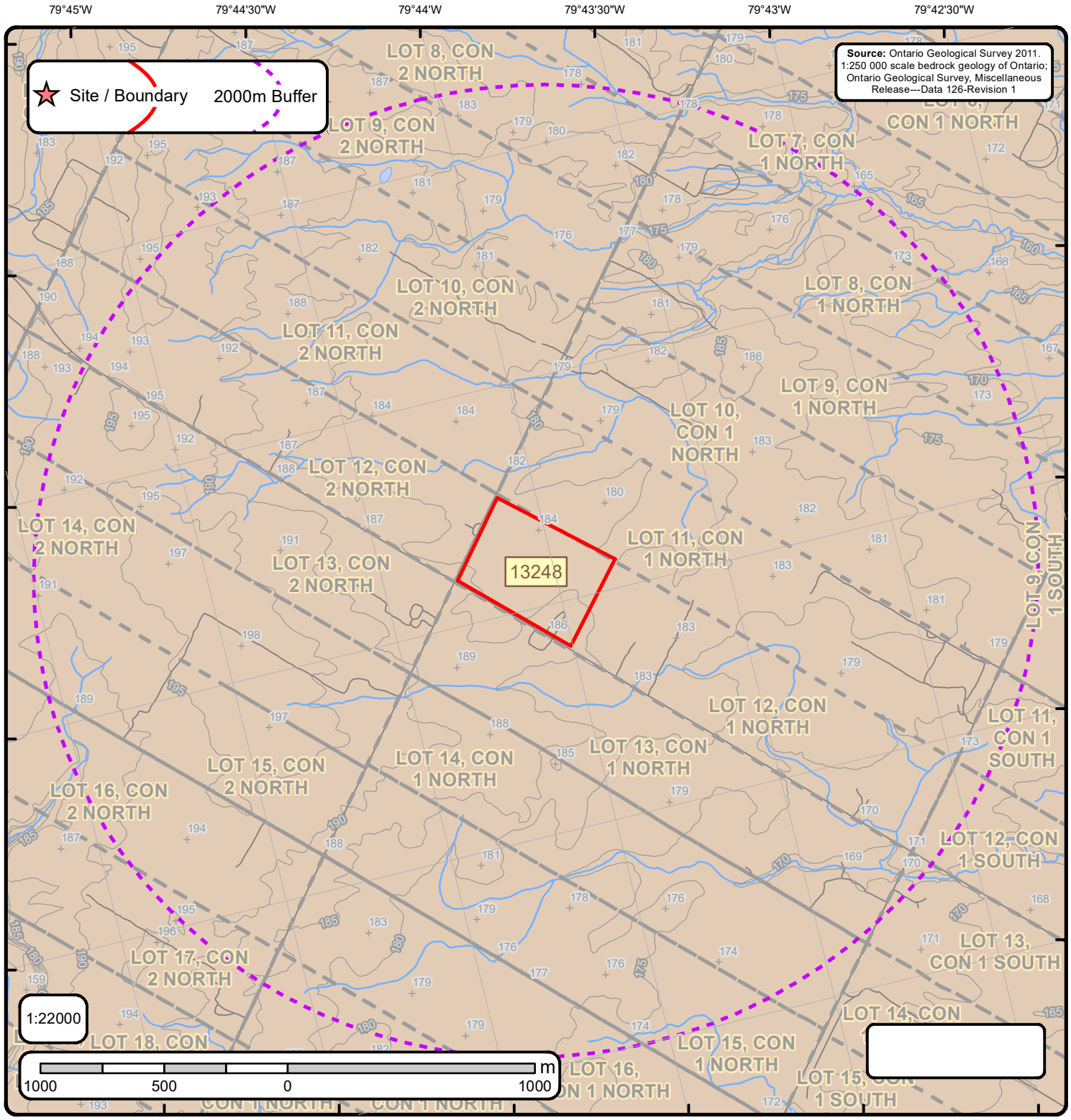
Approx Center: -79.73422435,43.50133784

Order No: 25042900427

ERIS

APPENDIX H



Bedrock Geology of Ontario

Order No. 25042900427

Spot Height
Roads
Contour Lines
Streams
Railroads
Lots
Pit or Quarry
Airports
Waterbody
Wetlands

Bedrock Geology Lines

- CONTACT, GEOPHYSICAL, TREND, INTERPRETED
- CONTACT, SHARP, TREND, INTERPRETED
- CONTACT, SHARP, TREND, OBSERVED
- FAULT, DEXTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, PROJECTED FAULT, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, SINISTRAL HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, INCLINED-REVERSE, OBSERVED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, INTERPRETED, UNKNOWN GENERATION
- FAULT, UNKNOWN HORIZONTAL COMPONENT, TREND, OBSERVED, UNKNOWN GENERATION
- NEATLINE
- ONTARIO BORDER
- Marble, chert, iron formation, minor metavolcanic rocks

Dikes

- Abitibi mafic dike
- Biscotasing mafic dike
- Empey Lake mafic dike
- Felsic to intermediate intrusive rocks
- Fort Frances mafic dike
- Frontenac mafic dike
- Grenville mafic dike
- Logan and Nipigon mafic sills
- Mackenzie mafic dike
- Mafic dikes of uncertain age
- Mafic sills and dikes
- Marathon mafic dike
- Marathon, Kapuskasing or Biscotasing mafic dike
- Matachewan mafic dike
- Mine Centre mafic dike
- Molson mafic dike
- North Channel mafic dike
- Pickle Crow mafic dike (Molson swarm) normal
- Pickle Crow mafic dike (Molson swarm) reverse
- Rideau mafic dike
- Sudbury mafic dike
- Ultramafic, gabbroic and granophyric intrusions
- Unsubdivided mafic dike
- Unsubdivided mafic dike (Keweenawan age)
- unknown

C Lines

- FOLD, ANTICLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, ANTICLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, ANTICLINE, SYNFORMAL, INTERPRETED, SECOND GENERATION
- FOLD, ANTIFORM, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, INTERPRETED, UNKNOWN GENERATION
- FOLD, SYNCLINE, OBSERVED, UNKNOWN GENERATION
- FOLD, SYNFORM, INTERPRETED, UNKNOWN GENERATION

Kimberlite

Bedrock Geology Report

Bedrock Geology units found within 2000 m of

340 Burnhamthorpe Rd E, Oakville

Order No. 25042900427

ID: 13248 | **Unit Name:** |
Type (All): 55a | **Type (Primary):** 55a | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Strata (Primary):** Queenston Formation | **Super Eon (Primary):** | **Eon (Primary):** PHANEROZOIC (Present to 542.0 Ma) | **Era (Primary):** PALEOZOIC (251.0 Ma to 542.0 Ma) | **Period (Primary):** ORDOVICIAN (443.7 Ma to 488.3 Ma) | **Epoch (Primary):** UPPER ORDOVICIAN | **Province (Primary):**

Bedrock Geology Report Metadata

Ontario Geological Survey 2011. 1:250 000 scale bedrock geology of Ontario; Ontario Geological Survey, Miscellaneous Release-Data 126 Revision1

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - Unit ID **Unit Name** - Generalized geological unit classification

Type (All) - The geological unit number(s) or code(s) for all rock types present in an individual polygon.

Type (Primary) - The primary geological unit number or code for the primary rock type in an individual polygon

Type (Secondary) - The secondary geological unit number or code for the secondary rock type, if present, in an individual polygon

Type (Tertiary) - The tertiary geological unit number or code for the tertiary rock type, if present, in an individual polygon

Rock Type (Primary) - Rock type or sub-unit description

Status (Primary) - The Stratigraphic unit. Divided into:

```
Supergroup (two or more groups and lone formations)
Group (two or more formations)
Formation (primary unit of lithostratigraphy)
Member (named lithologic subdivision of a formation)
Bed (named distinctive layer in a member or formation)
```

Super Eon (Primary) - A name given to the largest defined unit of geological time, divided into Eons. Unique values which this field may contain (Domains) are:

```
PRECAMBRIAN (0.542 Ga to <3.85 Ga)
```

Eon (Primary) - A name given to a defined unit of geological time, divided into Eras. Unique values which this field may contain (Domains) are:

```
ARCHEAN (2.5 Ga to <3.85 Ga)
PROTEROZOIC (0.542 Ga to 2.50 Ga)
PHANEROZOIC (Present to 542.0 Ma)
```

Era (Primary) - A name given to a defined unit of geological time, divided into Periods. Each era on the scale is separated from the next by a major event or change. Unique values which this field may contain (Domains) are:

```
MESOARCHEAN (2.8 Ga to 3.2 Ga)                MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)
NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)         EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)                 NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)
PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)           PALEOZOIC (251.0 Ma to 542.0 Ma)
MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)   MESOZOIC (65.5 Ma to 251.0 Ma)
```

Period (Primary) - A name given to a defined unit of geological time, divided into Epochs. Unique values which this field may contain (Domains) are:

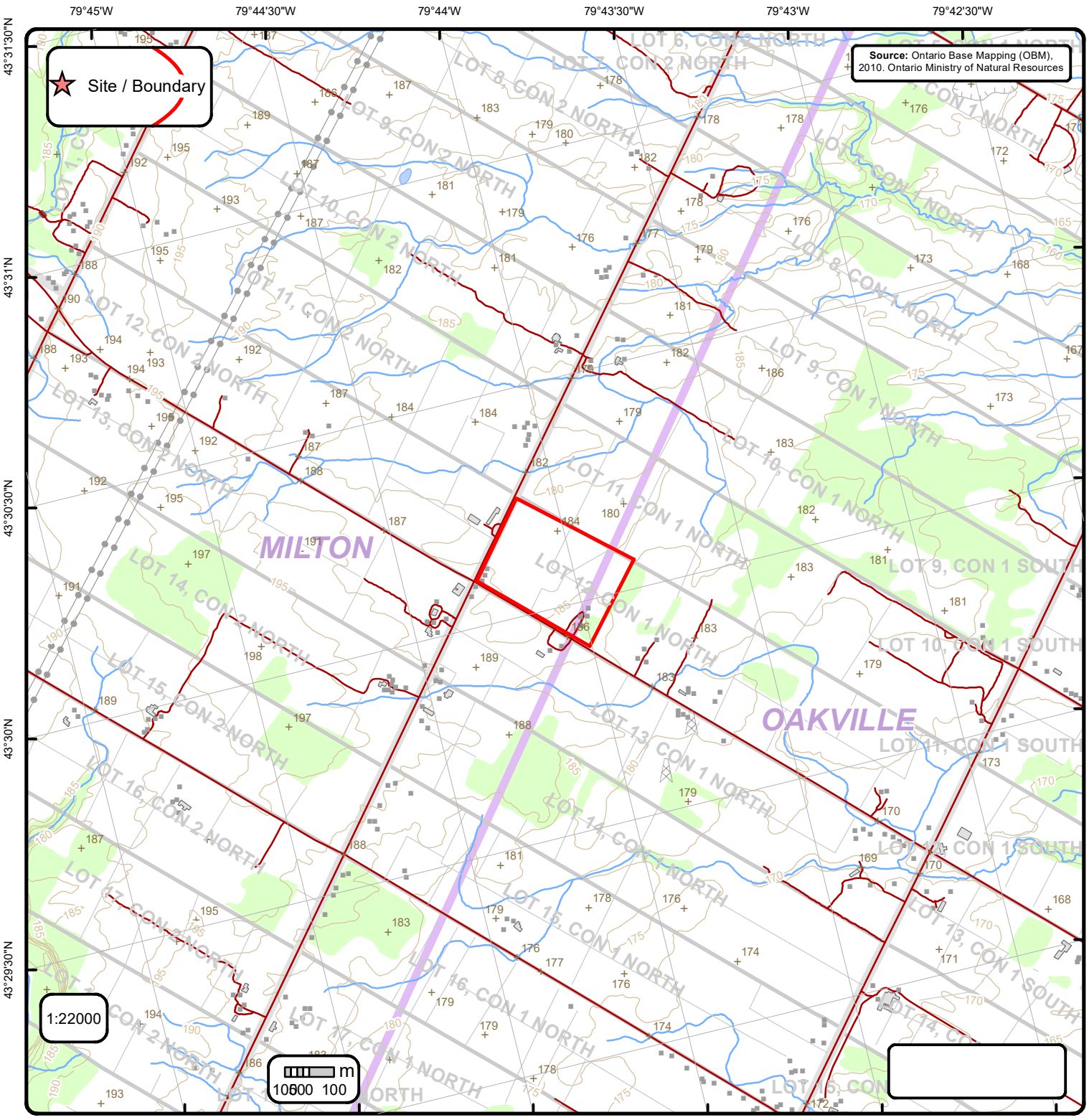
```
CAMBRIAN (488.3 Ma to 542.0 Ma)
ORDOVICIAN (443.7 Ma to 488.3 Ma)
SILURIAN (416.0 Ma to 443.7 Ma)
DEVONIAN (359.2 Ma to 416.0 Ma)
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
JURASSIC (145.5 Ma to 199.6 Ma)
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)
```

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

```
LOWER ORDOVICIAN                    UPPER SILURIAN
MIDDLE ORDOVICIAN                   LOWER DEVONIAN
UPPER ORDOVICIAN                    MIDDLE DEVONIAN
MIDDLE AND LOWER SILURIAN           UPPER DEVONIAN
UPPER SILURIAN TO LOWER DEVONIAN    LOWER CRETACEOUS AND MIDDLE JURASSIC
```

Province (Primary) - The Geological Province the geological unit is in. Unique values which this field may contain (Domains) are:

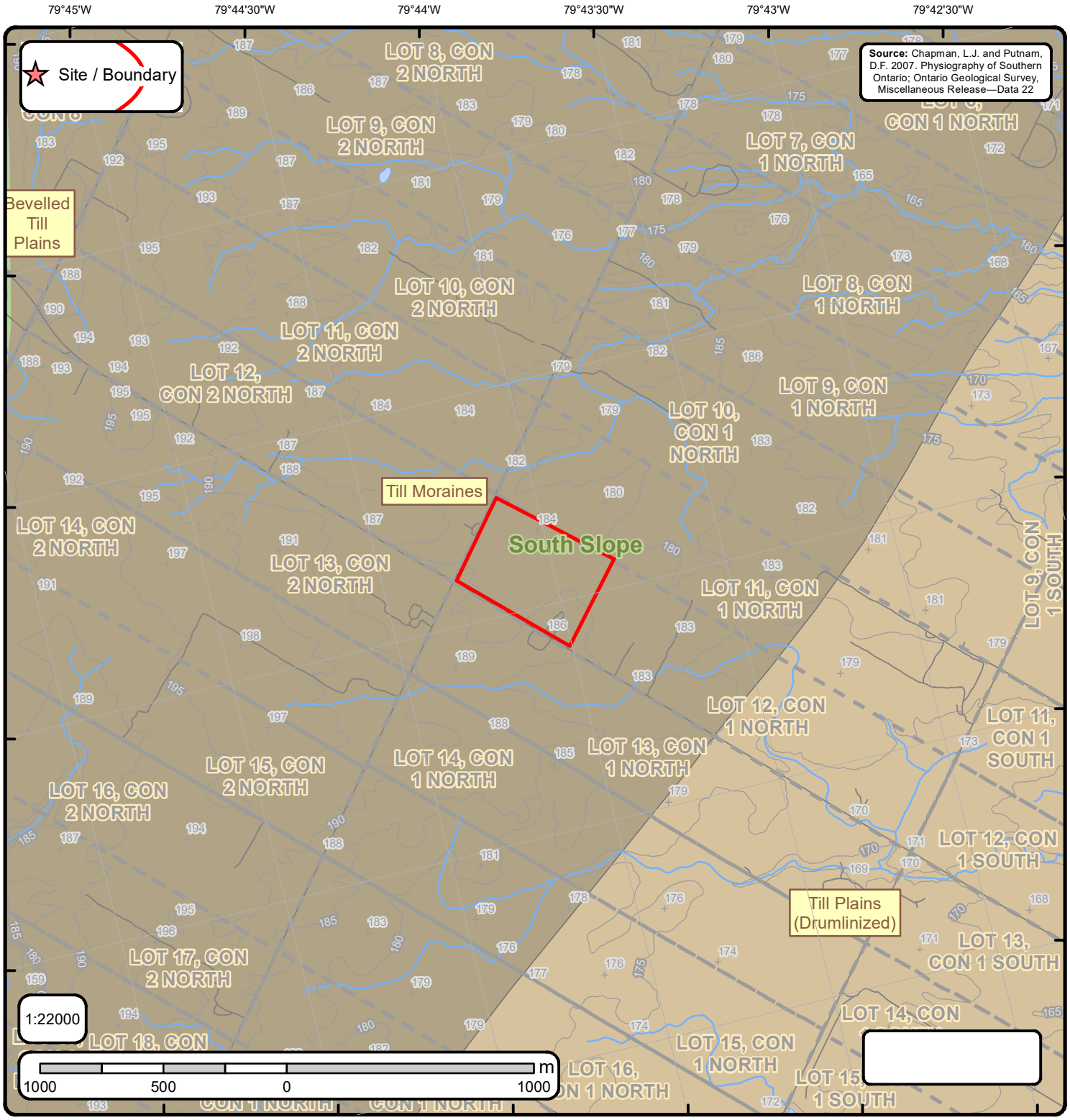
```
SUPERIOR
SOUTHERN
SUPERIOR
GRENVILLE
```



Ontario Base Mapping (OBM) Data

Order No. 25042900427

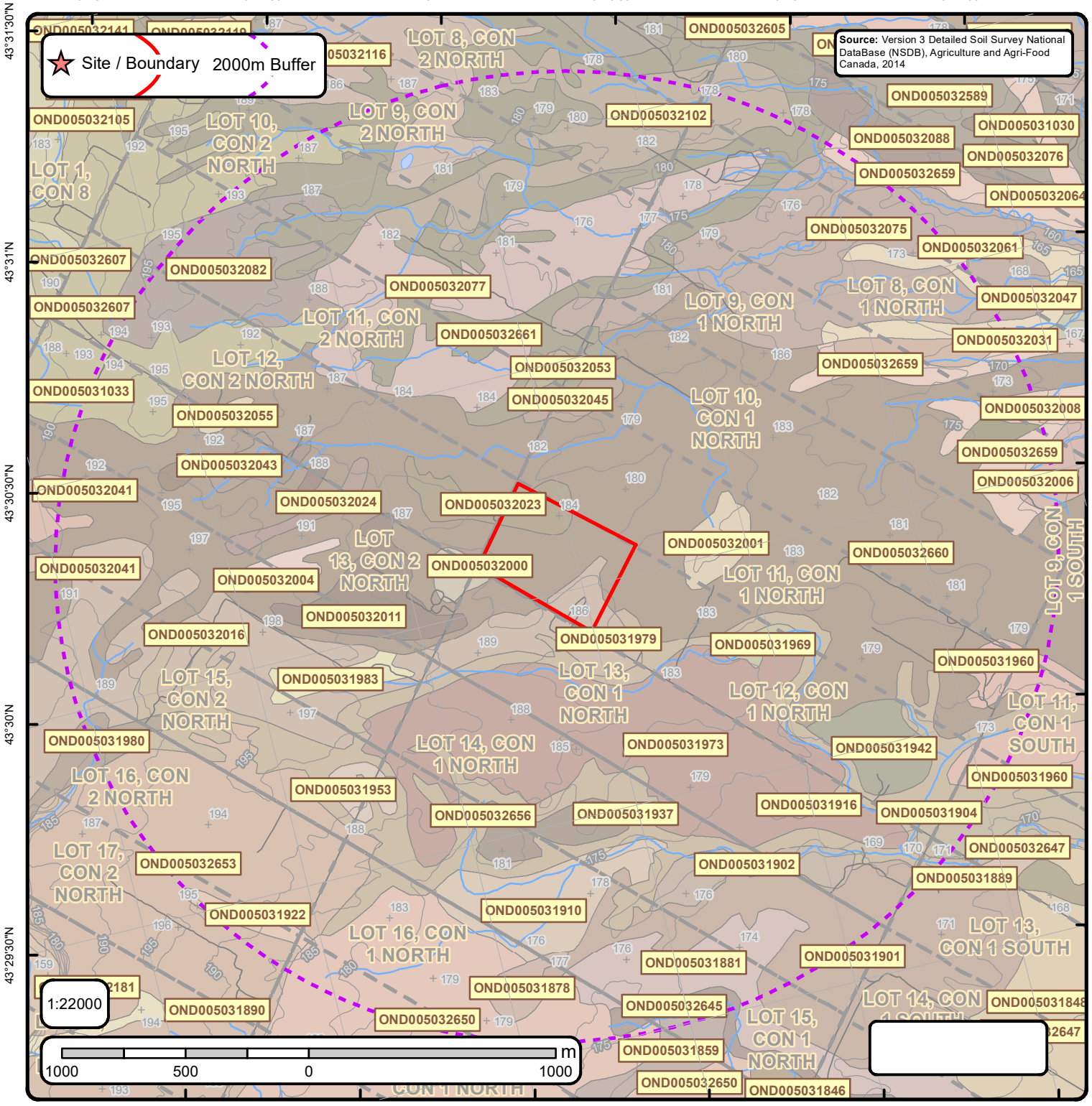
Spot Height (metre)	Transportation Structure	Contour Line	Wooded Area
Building Point	Utility Line	Pit or Quarry	Conservation Authority
Towers	Water Structure	Waterbody	Conservation Area
Utility Site Point	Drainage Line Feature	Wetlands	Municipal Park
Misc. Line	River or Stream	Concession	Provincial Park
Railroads	Airports	Lots	National Park
Roads	Tanks	Municipalitiy	Nature Reserve
Trail	Building to Scale	Land Ownership	



Physiography of Southern Ontario

Order No. 25042900427

- Spot Height
- Roads
- Railroads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody
- Boulder Pavement
- Dissected Terrain
- Mud Flow Scars
- Sand Dunes
- escarpment
- shorecliff
- shorecliff (weakly developed)
- Physiography Regions
- Bare Rock Ridges And Shallow Till
- Beaches
- Bevelled Till Plains
- Clay Plains
- Drumlins
- Escarpments
- Eskers
- Kame Moraines
- Limestone Plains
- Peat And Muck
- Sand Plains
- Shale Plains
- Shallow Till And Rock Ridges
- Spillways
- Till Moraines
- Till Plains (Drumlinized)
- Till Plains (Undrumlinized)



Detailed Soil Survey (ON Soils)

Order No. 25042900427

- Spot Height
- Railroads
- Roads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005031910
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031979
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031916
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 0.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005031973
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031878
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032660
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005031953
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032041
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032053
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005031960
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032645
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031033
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Moderately stony | **Slop Steepness(%)** : 7.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032082
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032116
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031983
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005031980
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 7.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031922
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032043
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032024
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032027
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031881
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 0.2 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032045
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032008
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032006
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032005
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031889
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032001
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032000
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031902
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031901
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 0.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032023
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031904
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOIDX~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 0.2 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **First CLI Limitation Subclass** : Presence of surface stones > 15 cm diameter. | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-18 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 14 | **Total Sand(%)** : 35 | **Total Silt(%)** : 40 | **Total Clay(%)** : 25 | **Organic Carbon(%)** : 0.7 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.426 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 18-35 | **Horizon** : Bt | **Layer No** : 2 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 37 | **Total Silt(%)** : 34 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.324 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 35-100 | **Horizon** : Ck | **Layer No** : 3 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 24 | **Total Silt(%)** : 46 | **Total Clay(%)** : 30 | **Organic Carbon(%)** : 0.1 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.171 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031969
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005031942
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 0.2 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031937
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032016
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Moderately stony | **Slop Steepness(%)** : 7.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Presence of adverse Topography | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Soil ID: OND005032004
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032102
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Moderately stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032077
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Soil ID: OND005032075
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032037
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005031859
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032061
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032038
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032659
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Not Applicable | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : No capability for agriculture. | **First CLI Limitation Subclass** : Subject to occasional flooding (Inundation) from adjacent streams or waterbodies | **Second CLI Limitation Subclass** : None | **Soil Name** : UNCLASSIFIED | **Water Table Charateristics** : Unspecified period | **Soil Drainage Class** : Not applicable | **Kind of Surface Material** : Unclassified | **Layer that Restricts Root Growth** : No root restricting layer | **Type of Root Restricting Layer** : n/a | **Parent Material 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Mode of Deposition 1|2|3** : Not Applicable; Not Applicable; Not Applicable | **Parent Material Chemical Property 1|2|3** : Not Applicable; Not Applicable; Not Applicable |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032055
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032661
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032653
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032650
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032031
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONCGU~~~~~A | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-27 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 11 | **Total Sand(%)** : 21 | **Total Silt(%)** : 50 | **Total Clay(%)** : 29 | **Organic Carbon(%)** : 1.9 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.368 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 27-40 | **Horizon** : Btgj | **Layer No** : 2 | **Very Fine Sand(%)** : 8 | **Total Sand(%)** : 21 | **Total Silt(%)** : 43 | **Total Clay(%)** : 36 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 7.2 | **Saturated Hydraulic Conductivity(cm/h)** : 0.228 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 40-100 | **Horizon** : Ckgj | **Layer No** : 3 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 20 | **Total Silt(%)** : 49 | **Total Clay(%)** : 31 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.7 | **Saturated Hydraulic Conductivity(cm/h)** : 0.159 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032656
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : moderately severe limitations on use for crops. | **First CLI Limitation Subclass** : Adverse soil structure (i.e. Depth of rooting zone is restricted) | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-13 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 7 | **Total Sand(%)** : 17 | **Total Silt(%)** : 49 | **Total Clay(%)** : 34 | **Organic Carbon(%)** : 2.6 | **pH in Calc Chloride** : 7.1 | **Saturated Hydraulic Conductivity(cm/h)** : 0.385 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 13-24 | **Horizon** : Bg | **Layer No** : 2 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 42 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 6.3 | **Saturated Hydraulic Conductivity(cm/h)** : 0.207 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 24-49 | **Horizon** : Bg | **Layer No** : 3 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 12 | **Total Silt(%)** : 43 | **Total Clay(%)** : 45 | **Organic Carbon(%)** : 0.3 | **pH in Calc Chloride** : 6.4 | **Saturated Hydraulic Conductivity(cm/h)** : 0.209 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 49-100 | **Horizon** : Ckg | **Layer No** : 4 | **Very Fine Sand(%)** : 4 | **Total Sand(%)** : 11 | **Total Silt(%)** : 50 | **Total Clay(%)** : 39 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 7.6 | **Saturated Hydraulic Conductivity(cm/h)** : 0.141 | **Electrical Conductivity(dS/m)** : 0 |

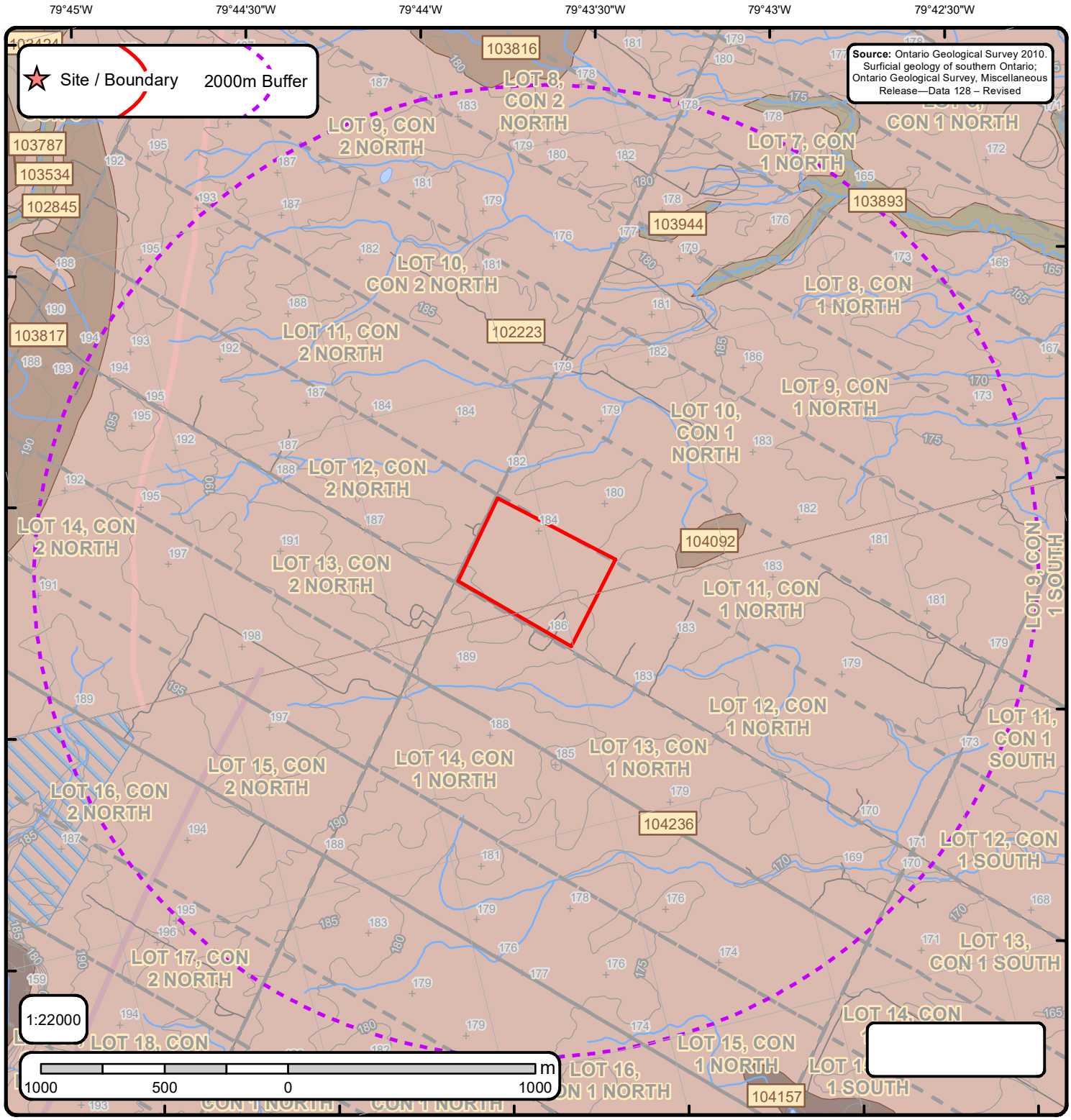
Soils Report

Soil Map Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

Soil ID: OND005032011
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |

Soil ID: OND005032035
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly wetted and these soils typically are silty-loam soils with an impeding layer or soils with moderately fine to fine texture. | **Soil Texture of A Horizon** : clay loam | **Field Crops Capability** : No significant limitations in use for Crops | **First CLI Limitation Subclass** : None | **Second CLI Limitation Subclass** : None | **Depth(cm)** : 0-8 | **Horizon** : Ap | **Layer No** : 1 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 39 | **Total Silt(%)** : 34 | **Total Clay(%)** : 27 | **Organic Carbon(%)** : 2.7 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.609 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 8-15 | **Horizon** : Ae | **Layer No** : 2 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 44 | **Total Clay(%)** : 26 | **Organic Carbon(%)** : 0.5 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.348 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 15-23 | **Horizon** : Ae | **Layer No** : 3 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 30 | **Total Silt(%)** : 42 | **Total Clay(%)** : 28 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.336 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 23-38 | **Horizon** : Bt | **Layer No** : 4 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 22 | **Total Silt(%)** : 32 | **Total Clay(%)** : 46 | **Organic Carbon(%)** : 0.2 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.221 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 38-68 | **Horizon** : Bt | **Layer No** : 5 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 20 | **Total Silt(%)** : 32 | **Total Clay(%)** : 48 | **Organic Carbon(%)** : 0.4 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.216 | **Electrical Conductivity(dS/m)** : 0] | **Depth(cm)** : 68-100 | **Horizon** : Ck | **Layer No** : 6 | **Very Fine Sand(%)** : 0 | **Total Sand(%)** : 21 | **Total Silt(%)** : 39 | **Total Clay(%)** : 40 | **Organic Carbon(%)** : 0.0 | **pH in Calc Chloride** : 5.0 | **Saturated Hydraulic Conductivity(cm/h)** : 0.215 | **Electrical Conductivity(dS/m)** : 0 |



The Surficial Geology of Southern Ontario

Order No. 25042900427

Spot Height	Streams	Dune	Beach	Esker	karst	pitsg		
Waterbody	Contour Lines	Lake	Bluff	Esker ND	linfeat	popup		
Wetlands	Roads	Rib	Crevasse	Fluvial DL	megarip	ribl		
Airports	Railroads	Scab	Crest	fluvndl	mfluvdl	slidel		
Pit or Quarry	Morains	Slide	End	iceberg	mfluvndl	slumpb		
Lots		NOF Dune	Escarpment	icslope	moraine	terrace		

Surface Geology Report

Surface Geology units found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

ID: 102223 | **Unit Name:** Halton Till |
Deposit Type Code: 5 | **Deposit Age:** Late Wisconsinan | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** clayey silt to silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Ontario | **Carbon Content:** medium | **Formation:** Halton Till | **Permeability:** Low | **Material Description:** Red To Brown Gritty Silt To Clayey Silt Till

ID: 103817 | **Unit Name:** Glaciolacustrine Deposits |
Deposit Type Code: 10 | **Deposit Age:** Late Wisconsinan | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** diamicton | **Primary General:** glaciolacustrine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Massive To Laminated Silt And Clay, May Contain Poorly Sorted Diamicton Layers

ID: 103893 | **Unit Name:** Modern Alluvium |
Deposit Type Code: 16 | **Deposit Age:** Recent | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt, sand, gravel | **Primary Material Modifier:** organic-bearing | **Secondary Material:** | **Primary General:** fluvial | **Primary General Modifier:** modern floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Undifferentiated Gravel, Sand, Silt, Clay, Muck

ID: 103944 | **Unit Name:** Modern Alluvium |
Deposit Type Code: 16 | **Deposit Age:** Recent | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt, sand, gravel | **Primary Material Modifier:** organic-bearing | **Secondary Material:** | **Primary General:** fluvial | **Primary General Modifier:** modern floodplain | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Undifferentiated Gravel, Sand, Silt, Clay, Muck

ID: 104092 | **Unit Name:** Glaciolacustrine Deposits |
Deposit Type Code: 10 | **Deposit Age:** Late Wisconsinan | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** clay, silt | **Primary Material Modifier:** | **Secondary Material:** diamicton | **Primary General:** glaciolacustrine | **Primary General Modifier:** foreshore/basinal | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Low | **Material Description:** Massive To Laminated Silt And Clay, May Contain Poorly Sorted Diamicton Layers

Surface Geology Report

Surface Geology units found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

ID: 104236 | **Unit Name:** Halton Till |
Deposit Type Code: 10 | **Deposit Age:** Late Wisconsinan | **Map Number:** m2509 | **Map Name:** Hamilton | **Source Map Scale:** 1:50 000 | **Primary Material:** diamicton | **Primary Material Modifier:** silty clay to clayey silt | **Secondary Material:** | **Primary General:** glacial | **Primary General Modifier:** | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** Port Huron | **Stratus Modifier:** Surface | **Provenance:** Erie-Ontario | **Carbon Content:** medium | **Formation:** Halton Till | **Permeability:** Low | **Material Description:** Clay or silt till

Surface Geology Report Metadata

Ontario Geological Survey 2010. Surficial geology of southern Ontario; Ontario Geological Survey, Miscellaneous Release - Data 128 - Revised.

ONTARIO MINISTRY OF NORTHERN DEVELOPMENT, MINES AND FORESTRY

ID - ID applied to the Unit

Unit Name - Name of deposit

Deposit Type Code - The geological unit number taken from the original map legend.

Deposit Age - to show the age when the sediments were deposited, e.g., Wisconsinan, postglacial or recent.

Map Number - Original map series number, eg., 'M2402' or 'P1973'. Each sgu_point feature is tagged to its original map.

Map Name - Usually NTS area where mapping was completed, e.g., 'Golden Lake'

Source Map Scale - The scale at which the original map was captured, e.g., '1:50 000'

Primary Material - This attribute provides the user with information regarding the most prevalent material present within a given area.

Primary Material Modifier- This attribute provides the user with a more refined description of the lithological classification of the primary material.

Secondary Material - This attribute provides the user with information regarding subordinate materials present within a given area.

Primary General - This attribute provides the user with an interpretation of the depositional environment within which the primary material was deposited.

Primary General Modifier - This attribute provides the user with a refined interpretation of the primary genetic modifier.

Veneer - This attribute provides the user with information regarding the type of material that forms a thin, discontinuous veneer over the primary material.

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Sub Episode - A diachronic stratigraphic unit in a lower order than Episode and the proposed sequence-stratigraphic classification, consists in descending order of Michigan, Elgin and Ontario in the eastern and northern Great Lakes area in the Wisconsin Episode (Johnson et al. 1997; Karrow et al. 2000).

Phase - A diachronic stratigraphic unit in a lower order than Subepisode, and the proposed sequence-stratigraphic classification is listed in the following table in the eastern and northern Great Lakes area (Karrow et al. 2000)

Stratus Modifier - This attribute provides the user information regarding the stratigraphic position of the mapped unit (i.e., whether the unit occurs primarily on the surface or in the subsurface).

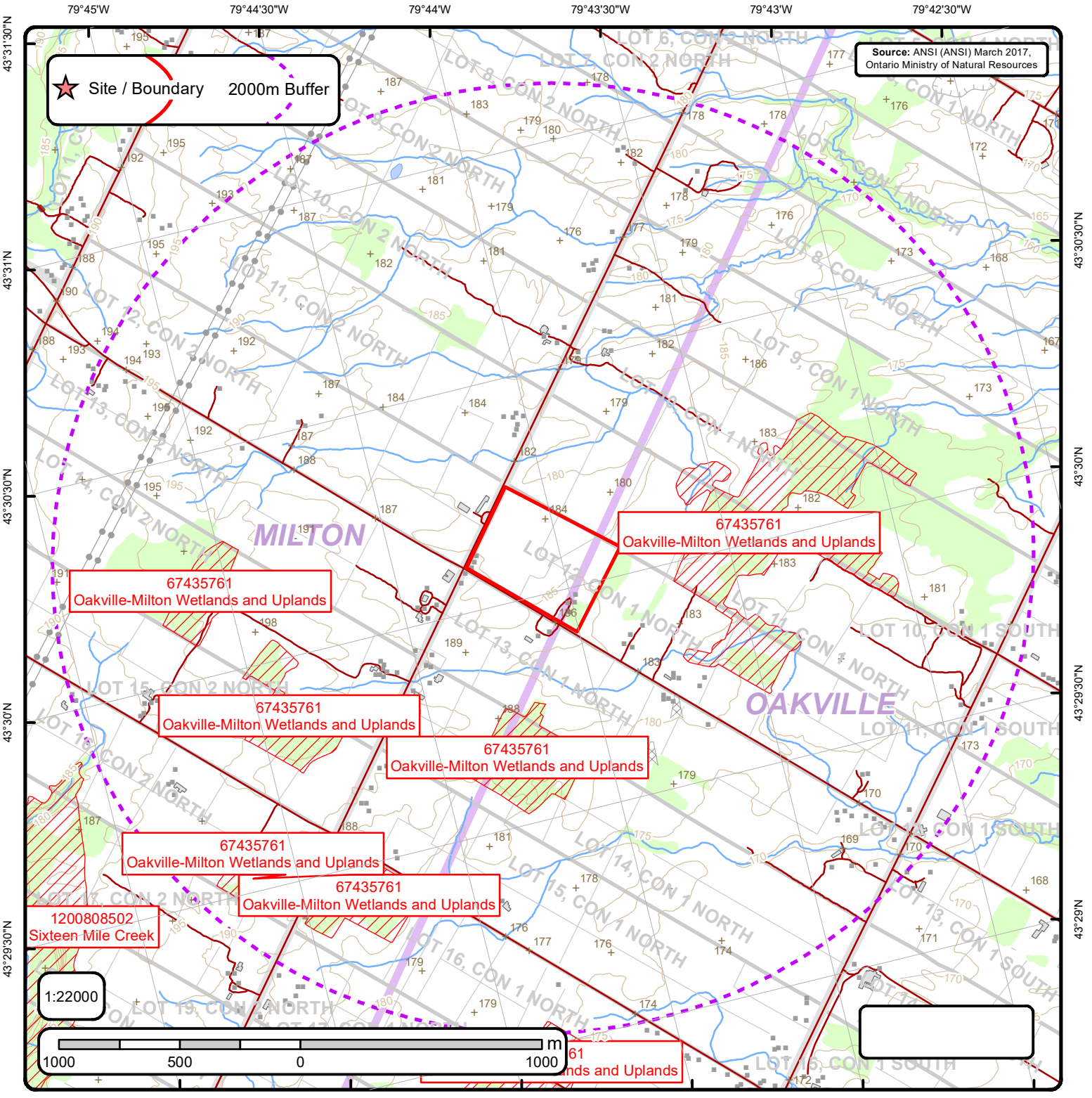
Provenance - This attribute provides the user with information regarding the provenance of a particular till unit (i.e. direction or lobe from which the till is derived).

Carbon Content - This attribute provides the user with information regarding the carbonate content of till.

Formation - This attribute provides the user with information regarding the formation to which a given primary material belongs (e.g., Tavistock Till, Port Stanley Till, Scarborough Formation). This attribute is seamless and allows the user to create a map based on formation.

Permeability - This attribute provides the user with basic information about permeability of the sediments in a ranking of high, medium and low.

Material Description - Material or sediment description, e.g., 'sand and silty fine sand', 'silty sand and gravel' and 'silty till with low stone content'.



Area of Natural & Scientific Interest (ANSI) Order No. 25042900427

- Spot Height
- Building Point
- Towers
- Utility Site Point
- Misc. Line
- Railroads
- Roads
- Trail
- Transportation Structure
- Utility Line
- Water Structure
- Drainage Line Feature
- River or Stream
- Airports
- Tanks
- Building to Scale
- Contour Line
- Pit or Quarry
- Waterbody
- Wetlands
- Concession
- Lots
- Municipalitiy
- Land Ownership
- Wooded Area
- Conservation Authority
- Conservation Area
- Municipal Park
- Provincial Park
- National Park
- Nature Reserve
- ANSI Area

ANSI Report

ANSI Units Found within 2000 m of
340 Burnhamthorpe Rd E, Oakville

Order No.
25042900427

ANSI Name: Oakville-Milton Wetlands and Uplands
ID: 67435761 | **Type:** Candidate ANSI, Life Science | **Significance:** Provincial | **Management Plan:** | **Area (sqm):** 2783292.519 |
Comments:

APPENDIX I

Water Well Records

Tuesday, May 13, 2025
6:22:16 PM

TOWNSHIP CON L	UTM	DATE CN	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
MILTON TOWN (TRAFALG	17 601967 4817316 W	2014/06 7472	2.04			MO	0015 10	7224932 (Z189606) A165987	BRWN FILL GRVL LOOS 0005 GREY CLAY SILT PCKD 0015 GREY SHLE GRVL PCKD 0025
OAKVILLE TOWN	17 602141 4816841 W	2016/11 7215						7276686 (C35133) A218531 P	
OAKVILLE TOWN 02 012	17 602094 4817483 W	2006/10 3349						2810672 (Z71495) A	
OAKVILLE TOWN DS N 01 012	17 602049 4817318 W	1987/04 4005				DO		2806640 (10163) A	BRWN CLAY FGVL LOOS 0009 GREY CLAY FGVL LOOS 0017 RED CLAY SNDY FGVL 0019 BRWN SAND FGVL LOOS 0021 GREY SAND PCKD 0024 GREY CLAY CGVL LOOS 0030 RED SHLE HARD 0050
OAKVILLE TOWN DS N 01 012	17 602401 4817024 W	2009/11 7140			9///:	NU		7135929 (Z01648) A	0024 GRVL 0025 0026
OAKVILLE TOWN DS N 01 012	17 602559 4816814 W	2009/10 7219	6		18///:	NU		7132311 (Z098405) A085721 A	
OAKVILLE TOWN DS N 01 012	17 602510 4816850 W	1965/10 1612	6 6	FR 0065	9/14/2/1:30	DO		2802106 ()	LOAM 0002 BRWN CLAY 0016 RED SHLE 0068
OAKVILLE TOWN DS N 01 013	17 602405 4816802 W	2023/04 7472	2		///:	MO	0010 10	7449354 (OUN7QOK6) A375940	BRWN FILL LOOS 0005 GREY CLAY SILT PCKD 0020
OAKVILLE TOWN DS N 01 013	17 602397 4816862 W	2023/04 7472	2		///:	MO	0010 10	7449355 (M2NSNJ4I) A376060	BRWN FILL LOOS 0005 GREY CLAY SILT PCKD 0020
OAKVILLE TOWN DS N 01 014	17 601844 4816850 W	2022/06 7472	2		///:	MO	0005 10	7424294 (WK8OO5NI) A353056	BRWN CLAY PCKD 0012 GREY CLAY SILT PCKD 0015
OAKVILLE TOWN DS N 02 012	17 602144 4817529 W	1955/05 1642	6	SA 0090	8//1/:	NU		2802202 () A	MSND CLAY 0025 RED SHLE 0091
OAKVILLE TOWN DS N 02 012	17 602134 4817519 W	1955/05 1642	6	FR 0025	5/24/1/:			2802203 () A	MSND CLAY 0025 RED SHLE 0080
OAKVILLE TOWN DS N 02 012	17 602198 4817597 W	1955/05 1642	6 6	FR 0025	5/24/1/:	PS		2802204 ()	CLAY MSND 0025 RED SHLE 0080
OAKVILLE TOWN DS N 02 012	17 602094 4817438 W	1962/08 4602	6 6	MN 0026	6/56/1/2:0	PS		2802205 ()	MSND CLAY 0021 RED SHLE 0056
OAKVILLE TOWN DS N 02 012	17 602103 4817473 W	1971/04 3637	30	FR 0020 FR 0028	7/30//4:0	DO		2803735 ()	BRWN LOAM 0001 BRWN MSND CLAY 0007 BRWN CLAY 0020 RED SHLE 0030

TOWNSHIP CON L	UTM	DATE CN	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
OAKVILLE TOWN DS N 02 013	17 601842 4817140 W	1956/11 1642	6 6	FR 0062	6/60/1/0:15	ST DO		2802207 ()	PRDG 0012 BLUE CLAY 0049 RED SHLE 0066
OAKVILLE TOWN DS N 02 013	17 601865 4817178 W	1967/02 1612	7 7	FR 0065	26/70/1/2:0	DO		2802209 ()	LOAM 0001 BRWN CLAY 0050 RED SHLE 0070
OAKVILLE TOWN DS N 02 013	17 601915 4817223 W	1979/01 4005	6	FR 0062	8/43/1/1:0	DO		2805349 ()	BRWN CLAY SNDY LOOS 0008 BRWN SAND BLDR GRVL 0016 GREY CLAY LOOS 0022 BRWN CLAY BLDR SNDY 0030 BRWN CLAY SNDY LOOS 0036 RED SHLE HARD 0065

Notes:
UTM: UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid
DATE CNTR: Date Work Completedand Well Contractor Licence Number
CASING DIA: .Casing diameter in inches
WATER: Unit of Depth in Fee. See Table 4 for Meaning of Code

PUMP TEST: Static Water Level in Feet / Water Level After Pumping in Feet / Pump Test Rate in GPM / Pump Test Duration in Hour : Minutes
WELL USE: See Table 3 for Meaning of Code
SCREEN: Screen Depth and Length in feet
WELL: WEL (AUDIT #) Well Tag . A: Abandonment; P: Partial Data Entry Only

1. Core Material and Descriptive te

rms

Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
BLDR	BOULDERS	FCRD	FRACTURED	IRFM	IRON FORMATION	PORS	POROUS	SOFT	SOFT
BSLT	BASALT	FGRD	FINE-GRAINED	LIMY	LIMY	PRDG	PREVIOUSLY DUG	SPST	SOAPSTONE
CGRD	COARSE-GRAINED	FGVL	FINE GRAVEL	LMSN	LIMESTONE	PRDR	PREV. DRILLED	STKY	STICKY
CGVL	COARSE GRAVEL	FILL	FILL	LOAM	TOPSOIL	QRTZ	QUARTZITE	STNS	STONES
CHRT	CHERT	FLDS	FELDSPAR	LOOS	LOOSE	QSND	QUICKSAND	STNY	STONEY
CLAY	CLAY	FLNT	FLINT	LTCL	LIGHT-COLOURED	QTZ	QUARTZ	THIK	THICK
CLN	CLEAN	FOSS	FOSILIFEROUS	LYRD	LAYERED	ROCK	ROCK	THIN	THIN
CLYY	CLAYEY	FSND	FINE SAND	MARL	MARL	SAND	SAND	TILL	TILL
CMTD	CEMENTED	GNIS	GNEISS	MGRD	MEDIUM-GRAINED	SHLE	SHALE	UNKN	UNKNOWN TYPE
CONG	CONGLOMERATE	GRNT	GRANITE	MGVL	MEDIUM GRAVEL	SHLY	SHALY	VERY	VERY
CRYS	CRYSTALLINE	GRSN	GREENSTONE	MRBL	MARBLE	SHRP	SHARP	WBRG	WATER-BEARING
CSND	COARSE SAND	GRVL	GRAVEL	MSND	MEDIUM SAND	SHST	SCHIST	WDFR	WOOD FRAGMENTS
DKCL	DARK-COLOURED	GRWK	GREYWACKE	MUCK	MUCK	SILT	SILT	WTHD	WEATHERED
DLMT	DOLOMITE	GVLY	GRAVELLY	OBDN	OVERBURDEN	SLTE	SLATE		
DNSE	DENSE	GYPS	GYPSUM	PCKD	PACKED	SLTY	SILTY		
DRTY	DIRTY	HARD	HARD	PEAT	PEAT	SNDS	SANDSTONE		
DRY	DRY	HPAN	HARDPAN	PGVL	PEA GRAVEL	SNDY	SANDYOAPSTONE		

2. Core Color

Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

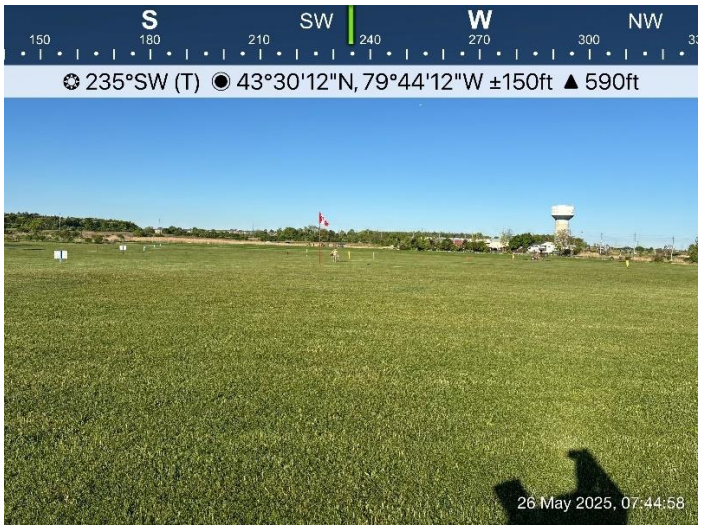
3. Well Use

Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial	MT	Monitoring TestHole
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

4. Water Detail

Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		

APPENDIX J



Photograph 1

Location: Central portion of Phase One Property

Direction: Southwest

Description: Golf centre driving range field with house and water tower in the distance.

Photograph 2

Location: Central portion of Phase One Property

Direction: Northeast

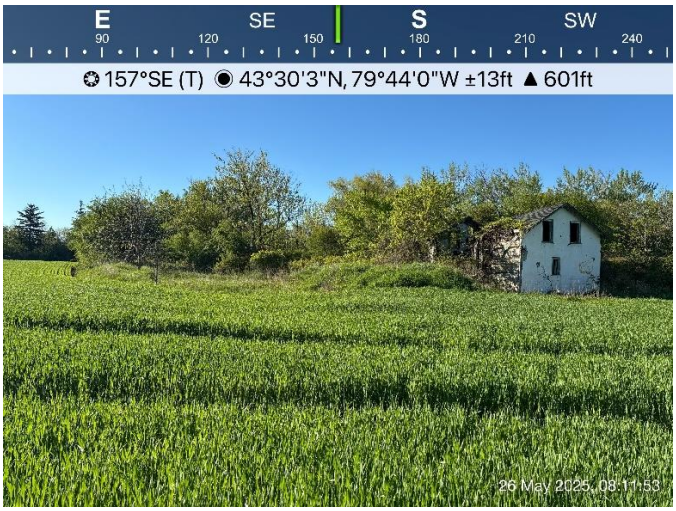
Description: Golf centre driving range field with berms visible.

Photograph 3

Location: Central portion of Phase One Property

Direction: South

Description: Field beyond driving range from atop a berm, viewing an abandoned house in the distance, and agricultural fields.



Photograph 4

Location: Central portion of Phase One Property

Direction: South

Description: Small abandoned house at 340 Burnhamthorpe Road East. The house had a completely caved in roof and was viewed from the exterior only for safety.

Photograph 5

Location: Small abandoned house at 340 Burnhamthorpe Road on Phase One Property

Direction: East

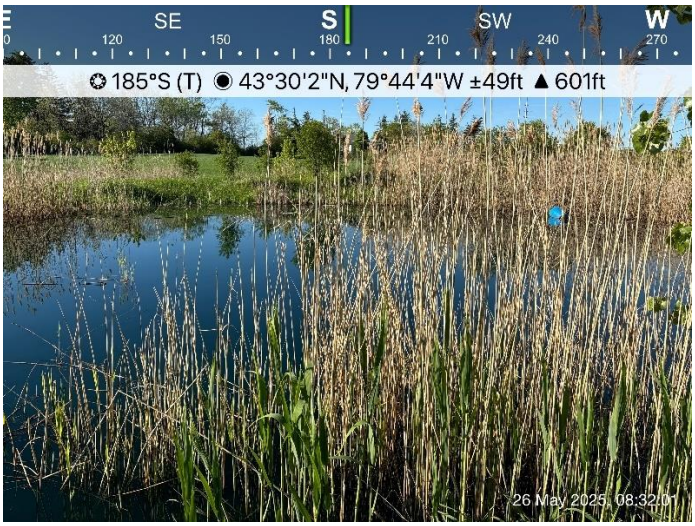
Description: Interior of Small abandoned house at 340 Burnhamthorpe Road East as observed from the exterior for safety.

Photograph 6

Location: South central portion of the Phase One Property

Direction: Southwest

Description: Agricultural fields on the southern portion of the Property.



Photograph 7

Location: South central portion of the Phase One Property

Direction: South

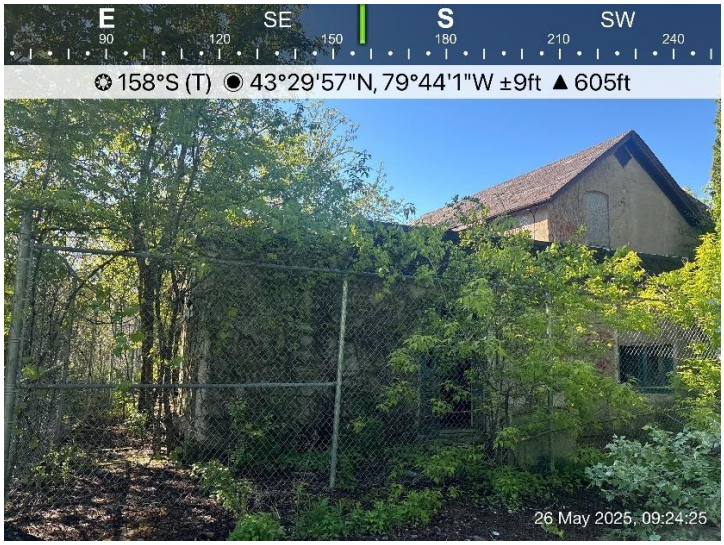
Description: Pond on the Property that had tubes connecting it to pumps and had a blue hue.

Photograph 8A and 8B

Location: Phase One Property

Direction: N/A

Description: Bottle of blue pond dye found beside a pump adjacent to the pond.



Photograph 9

Location: Southern portion of the Phase One Property

Direction: South

Description: Abandoned house at 3437 Trafalgar Road as observed from the north. House was fenced off and boarded up.

Photograph 10

Location: Southern portion of Phase One Property

Direction: East

Description: Abandoned house at 3437 Trafalgar Road. House was entered through an opening in the rear and proceeded through the stairs shown.

Photograph 11

Location: Abandoned house at 3437 Trafalgar Road on Phase One Property

Direction: South

Description: Abandoned house at 3437 Trafalgar Road. Room had floor that appeared to be caved in. House was exited and observed from the outside for safety.

Photograph 12

Location: Abandoned house at 3437 Trafalgar Road on Phase One Property

Direction: Northeast

Description: Abandoned house at 3437 Trafalgar Road observed from outside the front door. House was no longer entered for safety.

Photograph 13

Location: 340 Burnhampthorpe Road East building on Phase One Property

Direction: East

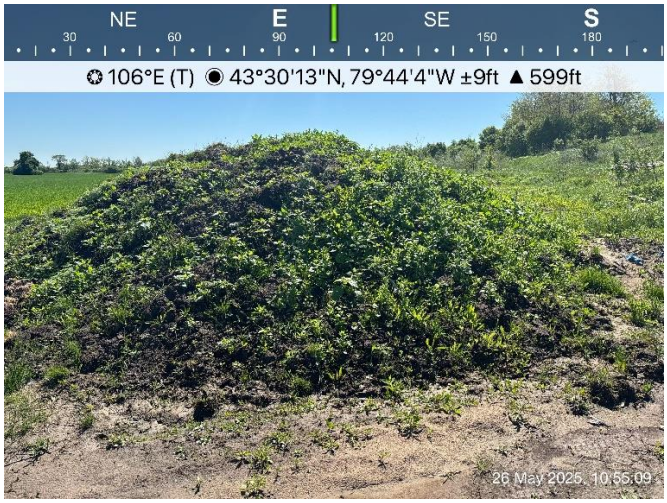
Description: House being used for shop and office space.

Photograph 14

Location: 340 Burnhampthorpe Road East building on Phase One Property

Direction: West

Description: 620 L heating oil tank in the northwest corner on the house. Tank and tray appeared to be in good shape, however this tank replaced an older one in 2019 in the same location.



Photograph 15

Location: Northern portion of Phase One Property

Direction: East

Description: Fill pile on northern portion of the Property.

Photograph 16

Location: North of Phase One Property

Direction: Northwest

Description: School and religious centre north of the Property.

Photograph 17

Location: East of Phase One Property

Direction: Southeast

Description: agricultural fields east of the Property.

Photograph 18

Location: West of Phase One Property

Direction: South

Description: Intersection of Trafalgar and Burnhamthorpe and fields west of the Property.

APPENDIX K

File No. 25-069
June 2025

Phase One Environmental Conceptual Site Model

340 Burnhamthorpe Road East and 3437 Trafalgar Road, Oakville, Ontario

Phase One ESA including Figures of the Phase One Study Area, which identify the following:	Phase One ESA Information:
Existing buildings and structures	Existing buildings and structures are presented in Figure 2.
Water bodies located in whole or in part on the Phase One Study Area	All water bodies on the Phase One Property and Phase One Study Area are shown on Figure 3.
Areas of Natural Significance located in whole or in part on the Phase One Study Area	**Property:** ▪ The Property is listed as a habitat of the Eastern Meadowlark (Sturnella magna), listed as a threatened species. **Study Area:** ▪ Oakville-Milton Wetlands and Uplands located approximately 253 m southwest of the Property. Although this is beyond the 250 m radius, these are located within lands that are partially within 250 m of the Property boundary and have therefore been included. ▪ The Study Area is listed as a habitat of the Eastern Meadowlark (Sturnella magna) which is a bird listed as a threatened species, and the Redside Dace (Clinostomus elongatus) which is a fish listed as an endangered species.
Roads (including names) within the Phase One Study Area	The roads within the Phase One Study Area are shown on Figure 3.
Use of properties adjacent to the Phase One Property	The current use of properties adjacent to the Phase One Property is shown on Figure 3.
Location of drinking water wells on the Phase One Property	There was one historical drinking water well present on the Phase One Property, shown on Figure 4, however the interview indicated that this well was not in use and had not been in over 22 years.
Areas where any PCA has occurred, and locations of tanks in the Phase One Study Area	The locations of PCAs and tanks, if any, are shown on Figure 4.

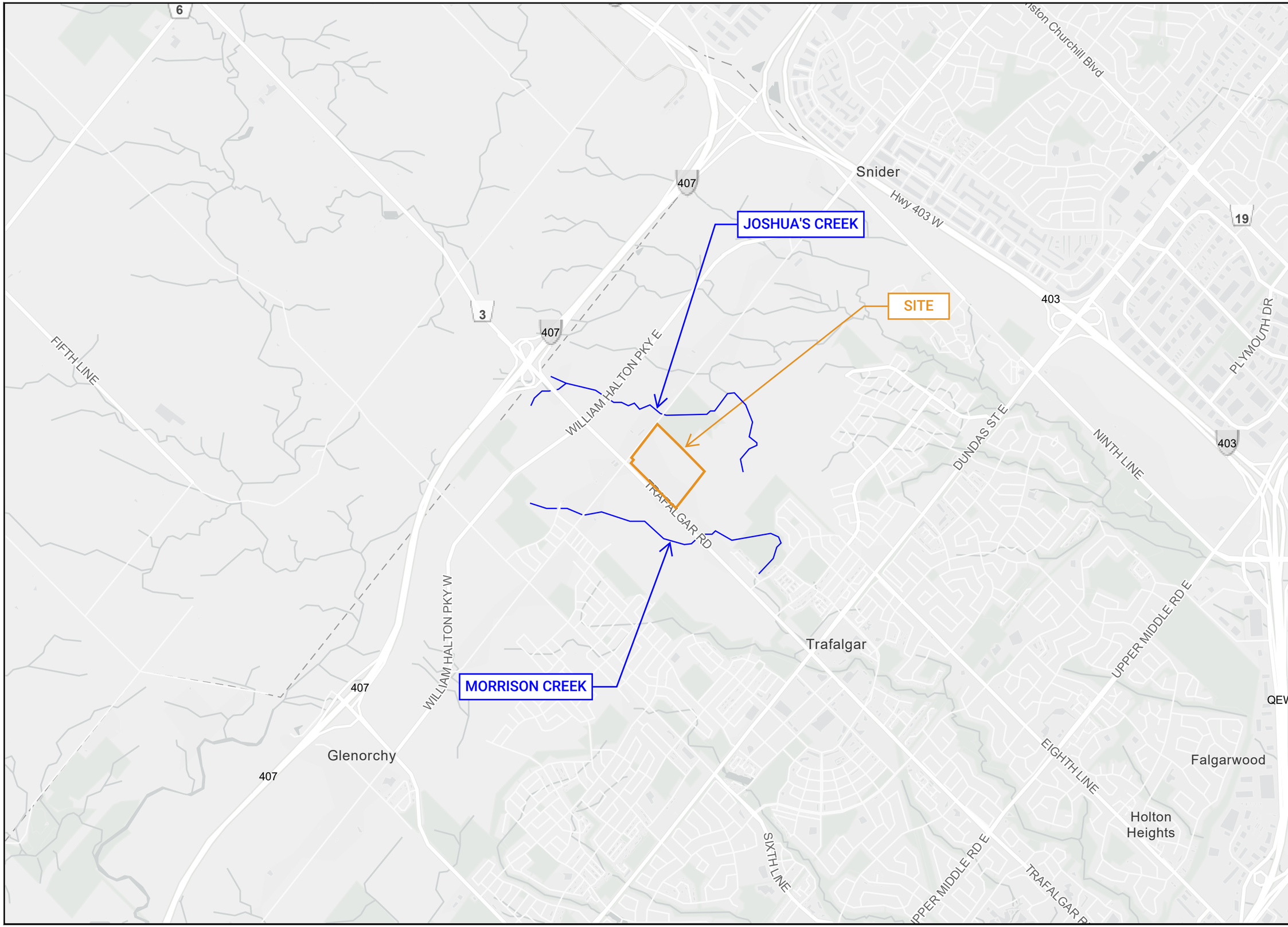
APECs on the Phase One Property	The location of APEC(s) identified on the Phase One Property are shown on Figure 5. Details of the APECs are provided on Table 3.
Narrative Description and Assessments	
Any areas where Potentially Contaminating Activity (PCAs) on, or potentially affecting, the Phase One Property have occurred	**Table 2** provides a summary and assessment of the identified PCAs within the Phase One Study Area and at the Phase One Property, including which PCAs were determined to be contributing to an APEC at the Phase One Property. The location of APEC(s) identified on the Phase One Property are shown on Figure 5. Details of the APECs are provided on Table 3.
Any Contaminants of Potential Concerns (CoPCs)	CoPCs related to the identified PCAs and to be investigated in the resultant APECs are identified in Table 3.
The potential of underground utilities (if any present) to affect contaminant distribution and transport	Buried communication lines run to the house on the northwestern portion of the Property. No other buried utilities were identified on the Property. There is no potential for underground utilities to affect the distribution and transportation of contaminants underneath the Property.
Available regional or site specific geological and hydrogeological information	Topography: The approximate elevation of the Property is 179 to 184 mASL and is relatively flat, with a slight slope towards the east. Hydrology: The nearest body of water is a small, unnamed pond located in the central portion of the Property. The next nearest waterbody is a small tributary of Joshua's Creek, located 139 m northwest of the Property. Lake Ontario is located approximately 8.2 km southeast of the Property. Surface water flow is expected to flow to the drainage ditches located adjacent to the Property along Trafalgar Road and Burnhamthorpe Road East, and to the east across the agricultural fields on the Property. Groundwater is expected to flow to the east, towards Joshua Creek, and ultimately south to Lake Ontario. Overburden: Silty clay to clayey silt diamicton (Halton Till). Bedrock: Queenston Formation comprised shale, limestone, dolostone, siltstone. Based on the historical well records for the Property, bedrock is located approximately 9.1 m below ground surface.

Any uncertainty or absence of information obtained in the Phase One ESA that could affect the validity of the CSM	A minor uncertainty/absence of information was identified; however, this has not affected the validity of the CSM. The minor uncertainty relates to: • Inability to enter the abandoned house in the central portion of the property. The roof of the small house had caved-in, and it was determined that it would be unsafe to enter the structure. The house was observed from the outside through broken windows. The house did not appear to have a basement from the outside. • Inability to enter the basement of the abandoned house on the southeastern portion of the Property (3437 Trafalgar Road). The structure possibly had a basement, however being in the house was determined to be a safety hazard and could not be observed.
Intention to Rely on Exemptions	The Property is bound by municipal roadways to the northwest (Burnhamthorpe Road East), and southeast (Trafalgar Road), as well as a small parking area on the northern portion of the Property, and a small private driveway at 34337 Trafalgar Road. The Qualified Person (QP) has determined, based on the Phase One Environmental Site Assessment, that a substance has been applied to surfaces of the roadway, driveway and parking area for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both. The QP intends to rely on the exemption as outlined in O. Reg. 153/04 49.1 and as such, the applicable site condition standard is deemed to meet for the purpose of Part XV.1 of the *Act*.

Figure 1 – Site Location Plan
Figure 2 – Phase One Property
Figure 3 – Phase One Study Area
Figure 4 – PCA Locations
Figure 5 – APEC Locations

Table 2 – Summary of Potentially Contaminating Activities
Table 3 – Areas of Potential Environmental Concern

FIGURES



GROUNDED ENGINEERING

49 MOBILE DRIVE, TORONTO, ONT., M4A 1H5
www.groundedeng.ca

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- WATERBODY

Note

Reference

ArcGIS Online 2025

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

KEY PLAN

North

TRUE

PROJECT

Date

JUNE 2025

Scale

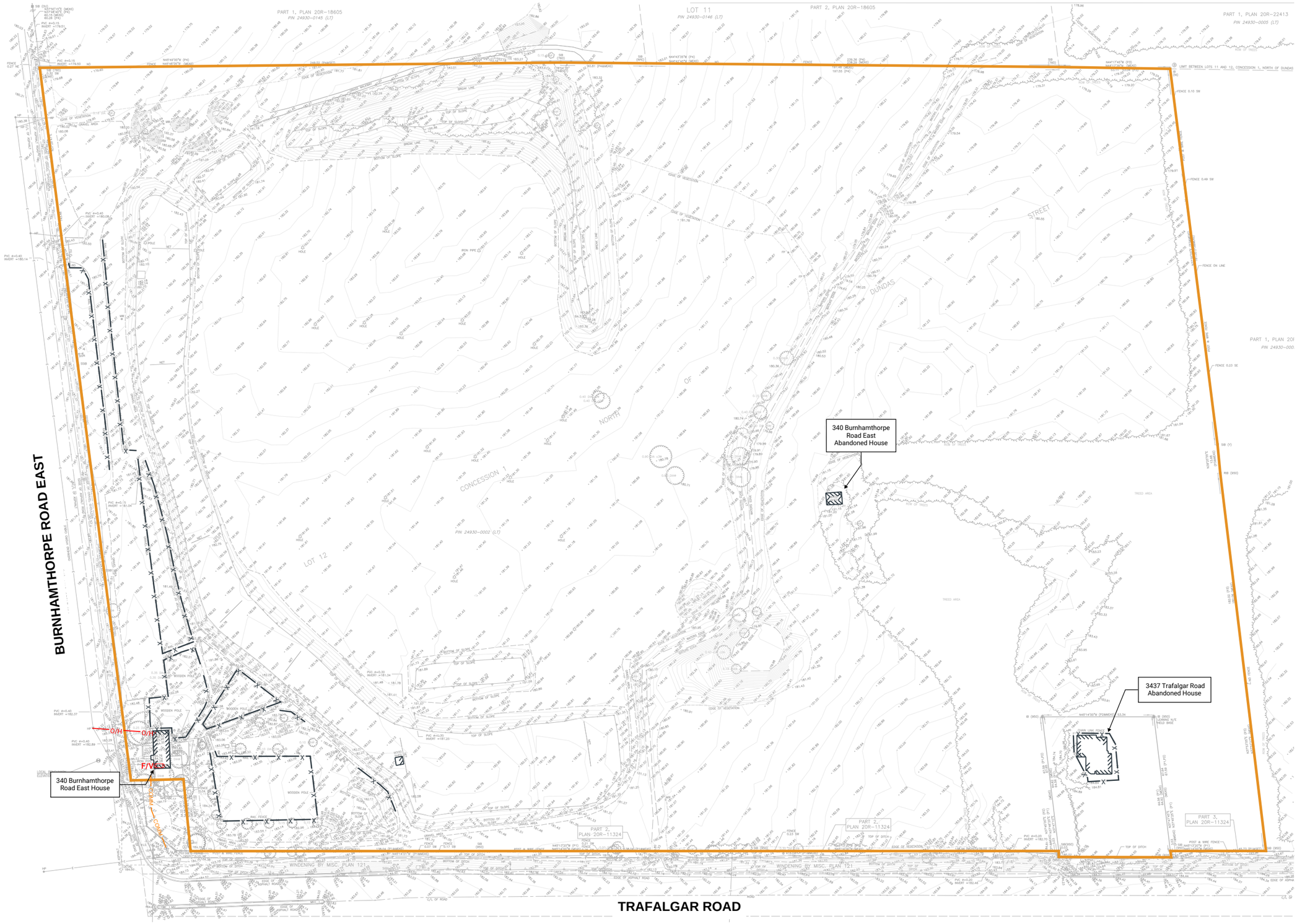
0m 500m 1000m

Job No

25-069

Figure No

FIGURE 1



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LEGEND

- PROPERTY BOUNDARY
- EXISTING BUILDING STRUCTURE
- FENCE LINE
- O/H — OVERHEAD HYDRO
- COMM — COMMUNICATION

Note

Utilities shown on this figure are shown for informational purposes only for the Phase One ESA, as outlined by O.Reg. 153/04. This is not an official locate and the information presented should not be relied upon.

Reference

Survey Drawing 24-30-276-00.
Dated February 11, 2025.
Prepared by J.D. Barnes Limited.
Received on May 7, 2025.

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

PHASE ONE PROPERTY

North

TRUE — PROJECT

Date

JUNE 2025

Scale

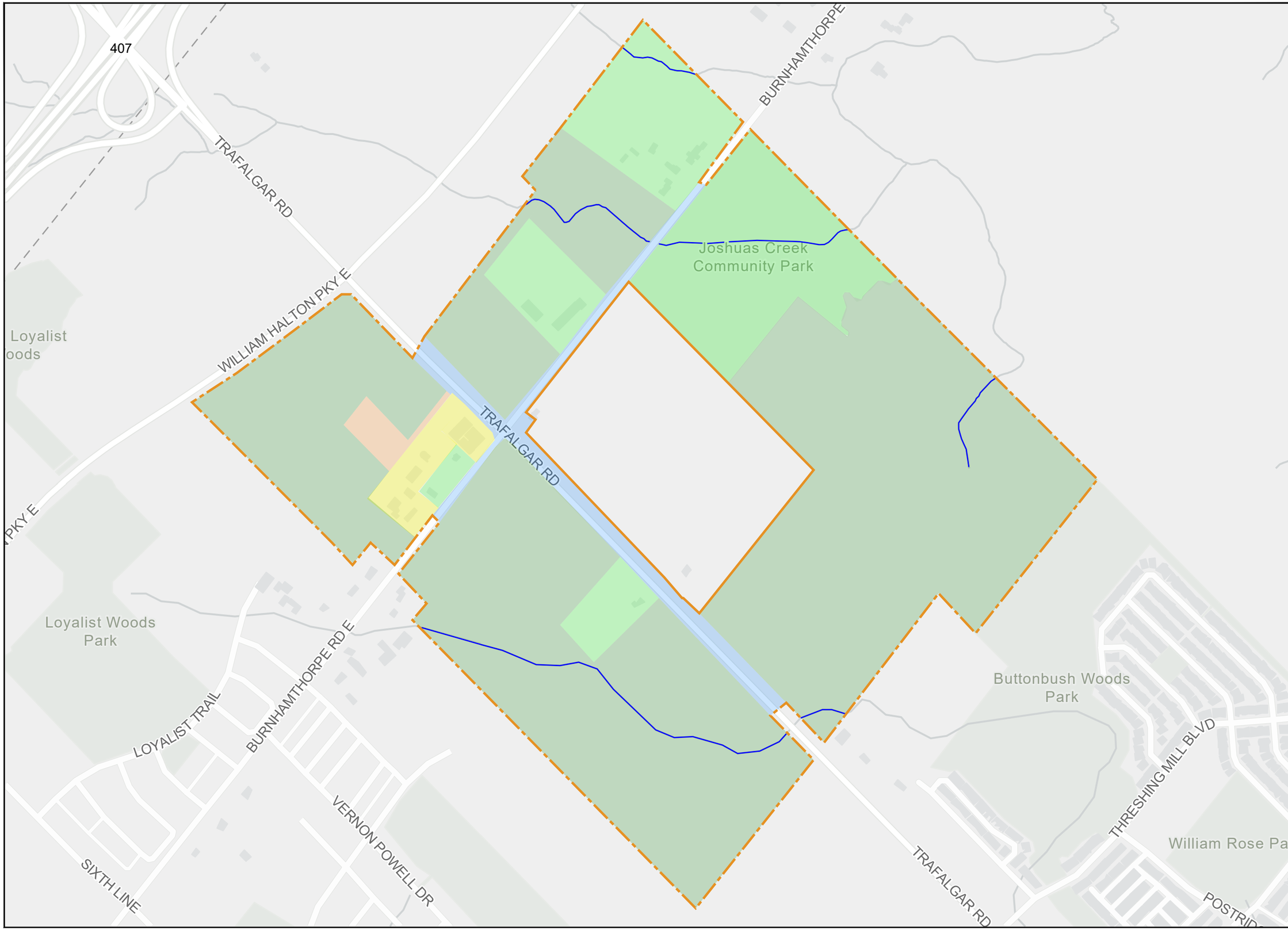
0m 25m 50m

Job No

25-069

Figure No

FIGURE 2



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- STUDY AREA (250 m RADIUS)
- WATERBODY
- AGRICULTURAL OR OTHER PROPERTY USE
- COMMERCIAL PROPERTY USE
- COMMUNITY PROPERTY USE
- INDUSTRIAL PROPERTY USE
- RESIDENTIAL, PARKLAND, AND INSTITUTIONAL PROPERTY USE

Note

Reference

ArcGIS Online 2025

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

PHASE ONE STUDY AREA

North

TRUE PROJECT

Date

JUNE 2025

Scale

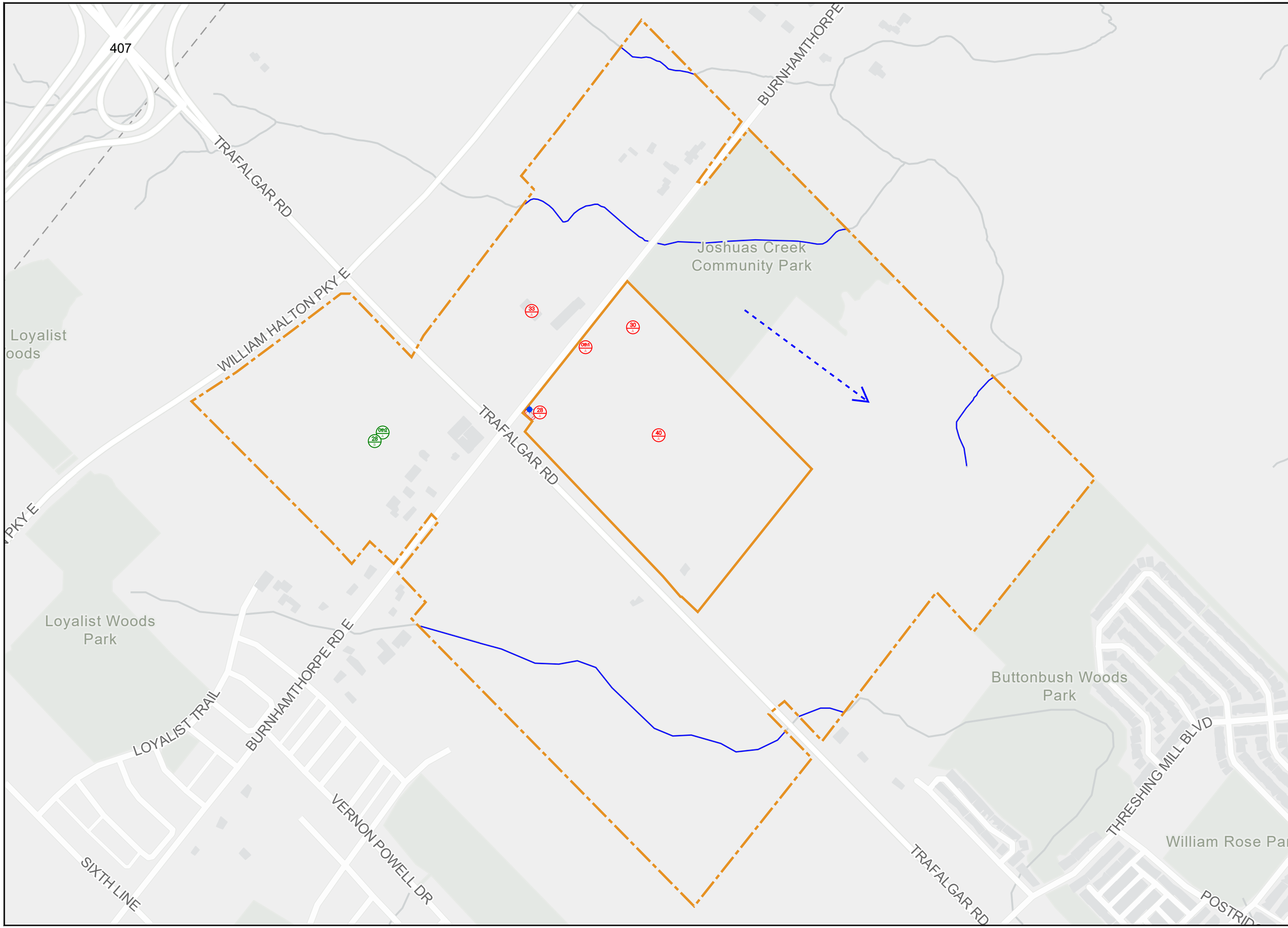
0m 100m 200m

Job No

25-069

Figure No

FIGURE 3



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- STUDY AREA (250 m RADIUS)
- WATERBODY
- ABOVEGROUND FUEL STORAGE TANK
- MECP WELL LOCATION
- INFERRED GROUNDWATER FLOW DIRECTION

28 – Gasoline and Associated Products Storage in Fixed Tanks
30 – Importation of Fill Material of Unknown Quality
33 – Metal Treatment, Coating, Plating and Finishing
40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
Other 1 – De-icing Activities
Other 2 – Ontario Spills

Note

GREEN - PCA NOT CAUSING APEC
RED - PCA CAUSING APEC

Reference

ArcGIS Online 2025

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

PCA LOCATIONS

North

TRUE
PROJECT

Date

JUNE 2025

Scale

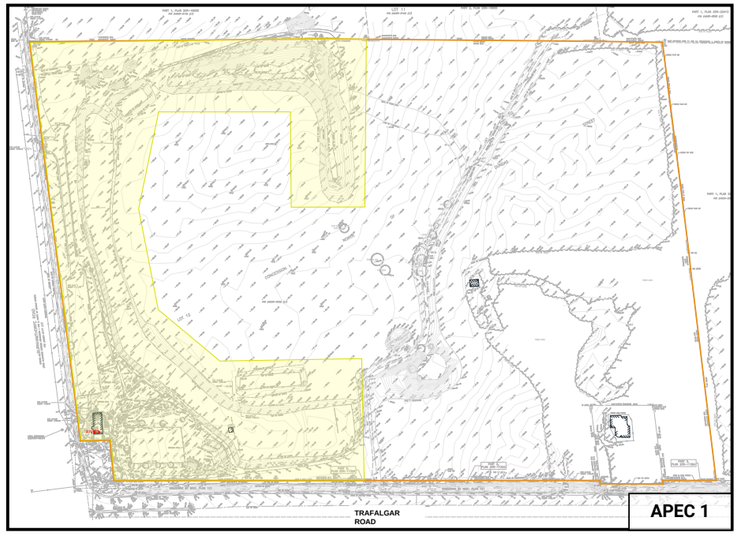
0m 100m 200m

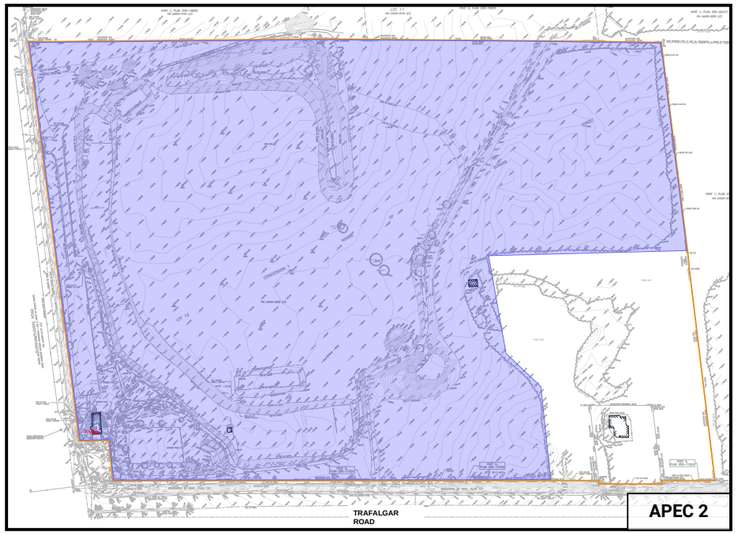
Job No

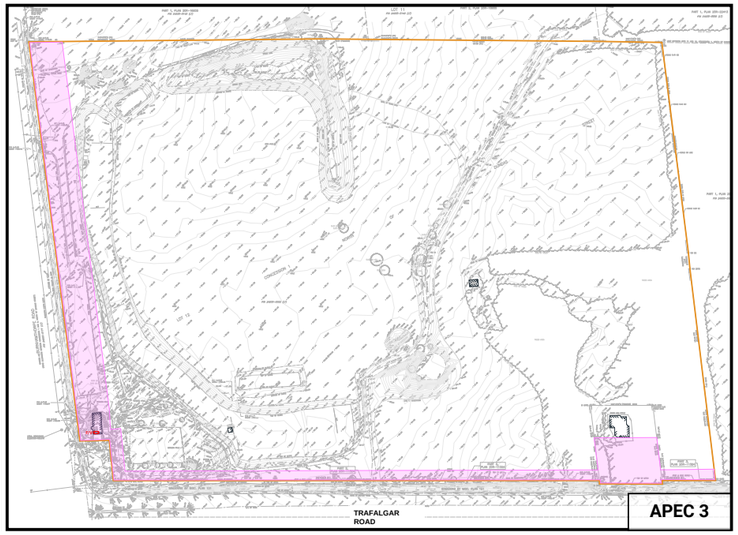
25-069

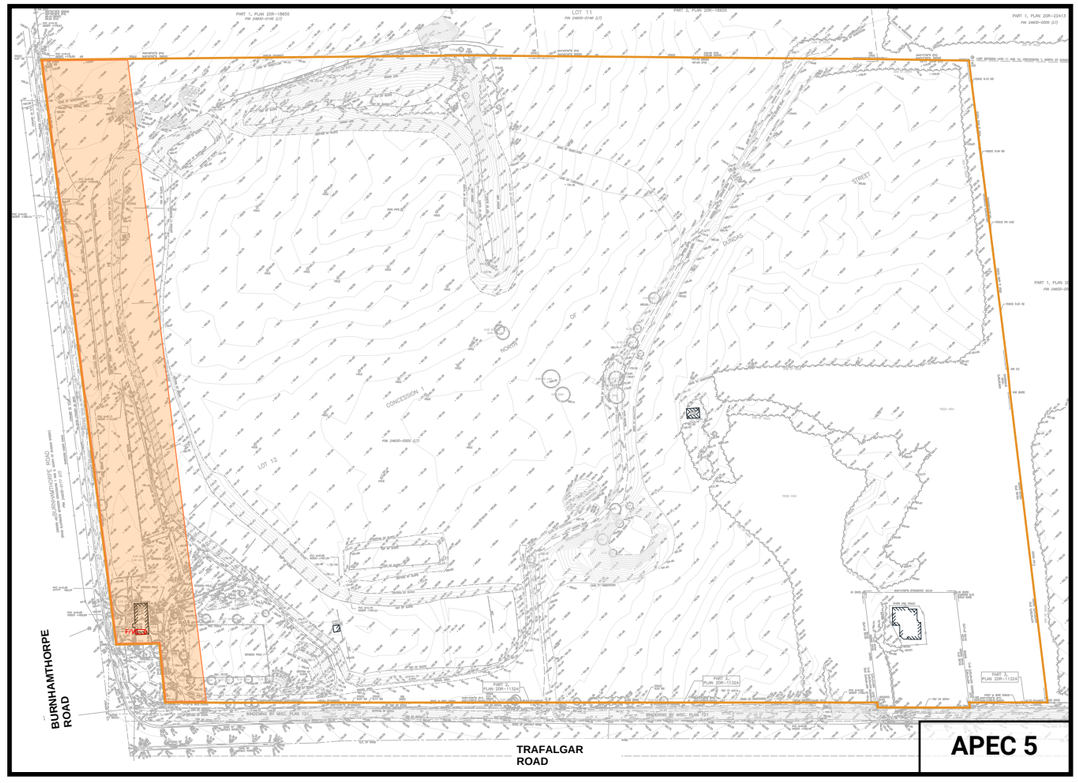
Figure No

FIGURE 4









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LEGEND

- PROPERTY BOUNDARY
- EXISTING BUILDING STRUCTURE
- APEC 1
- APEC 2
- APEC 3
- APEC 4
- APEC 5

Note

Reference

Survey Drawing 24-30-276-00.
Dated February 11, 2025.
Prepared by J.D. Barnes Limited.
Received on May 7, 2025.

Project

TRAFALGAR & BURNHAMTHORPE SUBDIVISION OAKVILLE, ONTARIO

Figure Title

APEC LOCATIONS

North

TRUE
PROJECT

Date

JUNE 2025

Scale

0m 25m 50m

Job No

25-069

Figure No

FIGURE 5

TABLES

TABLE 2:
SUMMARY OF POTENTIALLY CONTAMINATING ACTIVITIES
(Refer to Table 2, Schedule D, O. Reg. 153/04)

Location of PCA	Figure 2/4 Legend	PCA	Leads to an APEC?	Source	Description	Rationale
Phase One Property	30 A	30 - Importation of Fill Material of Unknown Quality	Yes (APEC 1)	Other Records Interview Site Visit	Berms were observed on the northern portion of the golf centre. There were also small soil stockpiles on the northeastern portion of the Property. This was observed via Google Street View imagery from June 2024 and the site survey, as well as during the site reconnaissance.	Fill of unknown quality was potentially identified at the Property. It us unclear whether the material used to create the berms for tee-off originated from on site material, or if material was imported to the Property. As such, this onsite PCA is considered to result in an APEC for the Property.
Phase One Property	40 A	40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Yes (APEC 2)	Aerials Interview	Agricultural use of the property was identified in the aerials from 1934 to 2025. The northern portion of the property was also more recently used as a golf centre/driving range since 2002, which may have included the use of pesticides historically being used on the Property. The interview also confirmed historical agricultural use, which may have included pesticide use.	Due to the on-site potential historical use of pesticides, this onsite PCA is considered to result in an APEC for the Property.
Phase One Property	Other1 A	Other1 - De-Icing	Yes (APEC 3)	Aerials	The aerials and site reconnaissance identified a parking area along the northern portion of the Property, and a historical driveway leading up the house at 3437 Trafalgar road, on the southern portion of the Property. Additionally, Trafalgar road borders the property to the south, and Burnhamthorpe road east borders the property to the north. Application of de-icing agents on the Property and adjacent to it is likely.	This ongoing onsite PCA results in an APEC on the Property due to the historical and ongoing application of substances (salt) to surfaces of the on-site parking areas as well as the off-site roadways for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.
Phase One Property	28 A	28 - Gasoline and Associated Products Storage in Fixed Tanks	Yes (APEC 4)	Interview Site Visit	During the site visit and through interviews, a heating oil tank was identified on the Property at the house in the northern portion of 340 Burnhamthorpe Road East. The heating oil tank had a capacity of 620 L and replaced a previous tank in the same location 2019, due to age. The tank and tray appeared in good condition and no staining around the tank was observed.	A heating oil tank was identified on the Property, and replaced a previous heating oil tank in the same location. This onsite PCA is considered to result in an APEC for the Property.
391 Burnhamthorpe Road East 49 m Northwest	33 A	33 - Metal Treatment, Coating, Plating and Finishing	Yes (APEC 5)	CD ERIS	The city directory and ERIS reports identified the Welding Institute of Canada in operation from 1985 to 1998 at the neighbouring address northwest of the Property. The ERIS report indicated waste generation of waste oils and lubricants.	The address to the northwest of the Property was historically occupied the Welding Institute of Canada. Based on the proximity and up-gradient location, this offsite PCA results in an APEC on the Property.
4030 Trafalgar Road 273 m West	28 B	28 - Gasoline and Associated Products Storage in Fixed Tanks	No	ERIS Other Records	The address is occupied by the Regional Municipality of Halton Water and Wastewater System Services and is reported to have waste generation of light fuels. In the August 2023 Google Street imagery, a fuel truck was identified at the location.	Based on the distance from the Property, it is in the opinion of the QP that this PCA is unlikely to cause an APEC on the Property.
4030 Trafalgar Road 273 m West	Other2 A	Other2 - Spills	No	ERIS	The ERIS report identified a spill of 3,000 L of diesel fuel at this location. The spill was the result of an overfill and attributed to human error. Receiving medium included land and surface water.	Based on the distance from the Property, it is in the opinion of the QP that this PCA is unlikely to cause an APEC on the Property.

TABLE 3:
TABLE OF AREAS OF POTENTIAL ENVIRONMENTAL CONCERN
(Refer to clause 16(2)(a), Schedule D, O. Reg. 153/04)

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
APEC 1	Northern Portion of Property	30 Importation of Fill Material of Unknown Quality	Onsite	Metals As, Sb, Se B-HWS CN- Cr(VI) Hg PAHs PHCs BTEX VOCs	Soil & Groundwater Soil & Groundwater Soil Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater Soil & Groundwater
APEC 2	Northern Portion of Property	40 Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Onsite	OCs	Soil, Groundwater, & Sediment
APEC 3	Northern and Western Portion of Property	Other1 De-Icing	Onsite	Na Cl- EC SAR	Groundwater Groundwater Soil Soil
APEC 4	Northwestern Portion of the Property	28 Gasoline and Associated Products Storage in Fixed Tanks	Onsite	Metals As, Sb, Se PAHs PHCs BTEX	Soil & Groundwater
APEC 5	Northern Portion of the Property	33 Metal Treatment, Coating, Plating and Finishing	Offsite	Metals As, Se, Sb CN- Cr (VI) Hg low pH	Soil & Groundwater

Notes:

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,

(a) identification of past or present uses on, in or under the phase one property, and

(b) identification of potentially contaminating activity.

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

3 - when completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for 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:

ABNs	Metals
CPs	As, Sb, Se
1,4-Dioxane	Na
Dioxins/Furans, PCDDs/PCDFs	B-HWS
OCs	Cl-
PHCs	CN-
PCBs	Electrical Conductivity
PAHs	Cr (VI)
THMs	Hg
VOCs	Methyl Mercury
BTEX	Low or high pH,
Ca, Mg	SAR

4 - when submitting a record of site condition for filing, a copy of this table must be attached