FINAL

Phase One Environmental Site Assessment

131 Eglinton Avenue East
Mississauga, Ontario

Prepared for:

91 Eglinton Limited Partnership
1 Steelcase Road West, Unit 8
Markham, ON L3R 0T3

Attn: Mark Liddy, P.Eng.

April 18, 2019

Pinchin File: 230989

MEMBER OF THE PINCHIN GROUP

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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by 91 Eglinton Limited Partnership (Client), to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 131 Eglinton Avenue East in Mississauga, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property consists of a vacant 95-acre parcel of land formerly developed with a residential property and a garden supply centre.

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04). The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property.

This Phase One ESA was conducted at the request of the Client in order to support the acquisition of the Site and in support of the Client's application for a Site Plan Approval (SPA) with the City of Mississauga. The Phase One ESA was completed in accordance with Ontario Regulation (O.Reg.) 153/04 should the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment, Conservation and Parks (MECP) be deemed required.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 and was comprised of the following:

- A Records Review: Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs and city directories relevant to the Phase One Property. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exists, including searches of the MECP's Freedom of Information and water well records, and the Technical Standards and Safety Authority records;
- Interviews: Conducted interviews with a Site Representatives (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;

- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs);
- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property is a rectangular-shaped parcel of land approximately 95 acres in size located at 131 Eglinton Avenue East, approximately 375 metres northeast of the intersection of Hurontario Street and Eglinton Avenue East. The Phase One Property is currently owned by 2190777 Ontario Inc.

The following table provides a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
Prior to 1954	Unknown.	Assumed agricultural.	Assumed agriculture or other use.	The 1954 aerial photograph shows the Phase One Property consisting of vegetated land with an inferred farm house located at the southeast end of the Phase One Property.
1954 – 1980	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property.	Agriculture or other use.	The 1954 aerial photograph shows the Phase One Property consisting of vegetated land with an inferred farm house located at the southeast end of the Phase One Property. The Phase One Property was not listed in city directories.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1981	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property.	Agriculture or other use.	GTS Electric Ltd. was listed at the Phase One Property in the city directories.
1985/1986	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property.	Agriculture and residential.	The 1985 aerial photograph shows a car parking lot located in the vicinity of the farm house. A private individual was listed at the Phase One Property, as indicated in the 1986 city directory listing.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1988 – 2006	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property. An inferred car parking garage has been constructed adjacent to the northeast of the farm house.	Agriculture and residential.	Information provided by the city directories and City of Mississauga Plan & Build e-Services website indicates that Franks Garden Supply, a garden supply centre, operated at the Phase One Property from at least 1988 to reportedly 2006. Based on the information collected during the Site reconnaissance, the garden centre operated on seasonal basis and primarily retailed gravel, mulch and interlocking stone. The 2005 aerial photograph shows inferred piles of aggregates located in the southeast and central portions of the Phase One Property. The historical farm house was converted to a car parking garage sometime prior to 2007. The Site Representatives advised Pinchin that the car parking garage was heated by an oil-fired furnace supplied with heating oil from a 200 L AST. A private individual was listed at the Phase One Property, as indicated in the 1996 and 2001 city directory listings.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2010 – 2018	Unknown.	The farm house was demolished in 2015 and the car parking garage was demolished between 2010 and 2015.	Agriculture and other use.	The Phase One Property consists of undeveloped vegetated land with a car parking garage located at the southeast end of the Phase One Property, as indicated in the 2010 aerial photograph. The 2015 aerial photograph shows that the exterior of the Phase One Property has been utilized for storage of inferred shipping crates, boxes and gaylords.
2019	2190777 Ontario Inc.	Undeveloped land.	Agriculture and other use.	Based on the information collected during the Site reconnaissance, the Phase One Property consisted of undeveloped land with remnants (e.g., wooden pallets, etc.) from the operations conducted by the garden supply centre.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is sometime prior to 1954. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs and city directory search. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property at this time.

Based on the findings of this Phase One ESA, Pinchin identified four PCAs at the Phase One Property (i.e., on-Site) and 12 PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). The following table summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, contaminants of potential concern (COPCs) and the media which could potentially be impacted:

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 (Historical heating oil AST associated with the historical farm house formerly utilized as a car parking garage)	West exterior wall of the historical farm house that was converted to a car parking garage located at the southeast end of the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs PAHs BTEX	Soil and Groundwater
APEC #2 (Unknown heating source for the historical farm house)	In the vicinity of the historical farm house located at the southeast end of the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs PAHs BTEX	Soil and Groundwater
APEC #3 (Frank's Garden Centre)	Central and southeast portions of the Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals and Inorganics Pesticides and Herbicides	Soil

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 #4 (Frank's Garden Centre)	Central and southeast portions of the Phase One Property	Item 22 – Fertilizer Manufacturing, Processing and Bulk Storage	On-Site	Metals and Inorganics Pesticides and Herbicides	Soil and Groundwater

Notes:

BTEX – benzene, toluene, ethylbenzene and total xylenes
PHCs – petroleum hydrocarbon fractions F1-F4
PAHs – polycyclic aromatic hydrocarbons
NA – not applicable

The COPCs associated with each APEC were determined based on several sources of information including, but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and evaluations of contaminant mobility and susceptibility for migration in the subsurface.

Pinchin identified four PCAs at the Phase One Property (i.e., on-Site) and 12 PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). Of the off-Site PCAs, none are considered to result in APECs at the Phase One Property given their distance from the Phase One Property and/or their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property. The four on-Site PCAs represent a total of four APECs at the Phase One Property. It is Pinchin's opinion that these four PCAs may have resulted in contamination of soil and groundwater at the Phase One Property and, as such, represent APECs at the Phase One Property that warrant further investigation prior to the submittal of an RSC, if filing is deemed required.

Pinchin recommends that a Phase Two ESA, defined as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property", be conducted at the Phase One Property. Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property may have affected land or water on, in, or under the

Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property, if filing is deemed required.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

This report has been issued without having received a response from the Ontario Ministry of the Environment, Conservation and Parks regarding Pinchin's Freedom of Information request. Once a response from this regulatory body is received, the information will be incorporated into a revised version of this report. Our conclusions and recommendations may be amended based on this information.

2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 312/17 on July 28, 2017 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

- To obtain and review records that relate to the Phase One Property, and to the current and past uses of and activities at or affecting the Phase One Property, in order to determine if an area of potential environmental concern (APEC) exists and to interpret any APEC; and
- To obtain and review records that relate to properties in the Phase One Study Area, other than the Phase One Property, in order to determine if a potentially contaminating activity (PCA) exists and interpret whether any such PCA represents on APEC for the Phase One Property.

This Phase One ESA was conducted at the request of the Client in order to support the acquisition of the Site and of the Client's application for a Site Plan Approval (SPA) with the City of Mississauga. The Phase One ESA was completed in accordance with Ontario Regulation (O.Reg.) 153/04 should the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment, Conservation and Parks (MECP) be deemed required.

2.1 Phase One Property Information

The Phase One Property consists of a vacant 38 hectare (ha) (95-acre) parcel of land formerly developed with a residential property and a garden supply centre located at 131 Eglinton Avenue East, Mississauga, Ontario. The property is currently owned by 2190777 Ontario Inc. The property is located approximately 375 metres (m) northeast of the intersection of Hurontario Street and Eglinton Avenue East, as shown on Figure 1 (all Figures are provided in Appendix A and all appendices are provided in Section 10.0). A plan showing the Phase One Property is provided as Figure 2, and the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix B.

Pertinent details of the Phase One Property are provided in the following table:

Detail	Source / Reference	Information
Legal Description	City of Mississauga Plan & Build eServices	CON 1 EHS PT LOT 1
Municipal Address	City of Mississauga Interactive Online Mapping	131 Eglinton Avenue East, L4Z 1B2
Parcel Identification Number (PIN)	ServiceOntario Parcel Register	13289-0298 (LT)
Current Owner	Site Representatives	2190777 Ontario Inc.
Owner Contact Information	Mr. John Torchia	3222 Credit Height Drive, Mississauga, ON, L5C 2L7 Phone: 416-518-8326
Current Occupant(s)	Client	Unoccupied
Occupant Contact Information	Client	Not applicable
Client	Authorization to Proceed Form for Pinchin Proposal	91 Eglinton Limited Partnership
Client Contact Information	Authorization to Proceed Form for Pinchin Proposal	Michael Uster c/o 91 Eglinton Limited Partnership 1 Steelcase Road West, Unit 8 Markham, ON L3R 0T3 Phone: 905.731.8687 Michael@libertydevelopment.ca
Site Area	City of Mississauga Plan & Build eServices	38 ha. (384,451 m^2, 95 acres)
Current Zoning	City of Mississauga Plan & Build eServices	D – Development
Centroid UTM Co-ordinates	Google Earth™	608896 Easting
		4829473 Northing
		Zone 17T

3.0 SCOPE OF INVESTIGATION

Pinchin conducted this Phase One ESA in accordance with O. Reg. 153/04, in particular Part VII and Schedule D of O. Reg. 153/04. The Phase One ESA scope of work was comprised of the following:

- A Records Review: Pinchin reviewed available current and historical information sources pertaining to the Phase One Property and surrounding properties within the Phase One Study Area including the use of, but not limited to, aerial photographs, city directories, Fire Insurance Plans (FIPs), Property Underwriters' Reports (PURs), Property Underwriters' Plans (PUPs), available Site operating records, a regulatory data base search and MECP water well records. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exist, including the MECP's Freedom of Information and Protection of Privacy Office and the Technical Standards and Safety Authority (TSSA);
- Interviews: Pinchin conducted interviews with Site Representatives (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Pinchin completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of significant environmental contaminants of concern;
- Evaluation: Pinchin evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Pinchin prepared a Phase One ESA report summarizing the findings of the Phase One ESA; and
- Submission: Pinchin submitted the Phase One ESA report to the Client.

4.0 RECORDS REVIEW

4.1 General

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment commenced on January 22, 2019, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on January 22, 2019 by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site

reconnaissance, Pinchin accessed all areas of the Phase One Property. Pinchin did not access any areas within the surrounding Phase One Study Area with the exception of publicly-accessible roads and sidewalks. Select photographs taken during the Site reconnaissance of the Phase One Property and the surrounding properties within the Phase One Study Area are presented in Appendix B.

4.1.1 Phase One Study Area Determination

Based on a review of the available historical information and observations made during the Site reconnaissance for the properties greater than 250 m, but less than 1 kilometre (km), from the Phase One Property boundary, Pinchin did not note or observe any significant potentially contaminating properties that should be included as part of this assessment (e.g., landfills, large industrial manufacturers, etc.). As such, the Phase One Study Area consisted of the Phase One Property, as well as all properties situated wholly, or partly, within 250 m from the nearest point of a boundary of the Phase One Property, in order to meet the minimum requirements set forth in O. Reg. 153/04. A map of the Phase One Study Area and the surrounding land use is presented in Figure 3.

4.1.2 First Developed Use Determination

The first developed land use of the Phase One Property is defined by O. Reg. 153/04 to be:

a. the first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
b. the first potentially contaminating use or activity on the Phase One Property.

An inferred farm house was construed at the southeast end of the Phase One Property based on Pinchin's review of the 1954 aerial photograph. The Phase One Property was first listed in the city directories in 1981. Therefore, it is Pinchin's opinion that the first developed use of the Phase One Property was prior to 1954.

Pinchin notes that the first developed use of the Phase One Property was determined without the information from the chain of title, which is pending receipt.

The date of the first developed use of the Phase One Property was determined through a review of city directories and aerial photographs. No other information was reviewed by Pinchin during the records review, or obtained during the Site reconnaissance or interviews which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.

4.1.3 Fire Insurance Plans

Pinchin contacted Opta Information Intelligence (Opta) to obtain FIPs related to the Phase One Property and the Phase One Study Area. A response was received from Opta dated January 16, 2019, which indicated that no FIPs for the Phase One Property and Phase One Study Area were available. The Opta response is provided in Appendix C.

4.1.4 Chain of Title

Pinchin reviewed a chain of title search for the Phase One Property. The chain of title search was completed from the earliest record of land ownership for the Phase One Property (i.e., crown) to the present to determine if ownership information would infer any PCAs or potential APECs at the Phase One Property that should be evaluated.

Based on Pinchin's review of the above-noted title search, nothing was identified with respect to the previous ownership that could result in potential subsurface impacts at the Phase One Property.

The chain of title search results are provided in Appendix D. No chain of title search was conducted for the other properties located within the Phase One Study Area.

4.1.5 Environmental Reports

The Client informed Pinchin that no previous environmental reports were available for the Phase One Property or for adjacent properties within the Phase One Study Area. None of the other information sources accessed by Pinchin had previous environmental reports for the Phase One Property or adjacent properties within the Phase One Study Area available for review.

4.2 Environmental Source Information

Pinchin reviewed the historical use of the Phase One Study Area through the use of publicly available archives and databases, as well as through requesting information from regulatory agencies. The following provides a summary of the information obtained from these sources.

4.2.1 Environmental Database Search – Ecolog ERIS

Pinchin retained EcoLog Environmental Risk Information Service Ltd. (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. A copy of the EcoLog ERIS report is provided in Appendix E and the results of the database search are described in the following subsections.

4.2.1.1 National Pollutant Release Inventory

EcoLog ERIS completed a search of the federal databases for information regarding the National Pollutant Release Inventory (NPRI). This database contains comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances and identifies information such as the approximate location, type and quantity of contaminant, date of release, and media impacted.

Pinchin reviewed the EcoLog ERIS report for NPRI information and found no records regarding the Phase One Property and Phase One Study Area.

4.2.1.2 Ontario Inventory of PCB Storage Sites

The MECP's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the MECP. This database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

EcoLog ERIS completed a search of the Ontario Inventory of PCB Storage Sites for information regarding PCB storage and found no information regarding the Phase One Property and Phase One Study Area.

4.2.1.3 National PCB Inventory

Environment Canada maintains an inventory of in-use PCB-containing equipment at federal, provincial and private facilities in Canada, and of out-of-service PCB-containing equipment and PCB waste owned by the federal government or federally regulated industries.

EcoLog ERIS completed a search of the National PCB Inventory and found no information regarding the Phase One Property and Phase One Study Area.

4.2.1.4 Certificates of Approval

EcoLog ERIS completed a search of the MECP database for information regarding Certificates of Approval (Cs-of-A). The MECP maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MECP mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MECP no longer issues Cs-of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011.

EcoLog ERIS completed a search of the Cs-of-A database found no information regarding the Phase One Property.

Three records were found for the Phase One Study Area. Based on Pinchin's review of these records, no PCAs were identified.

4.2.1.5 Environmental Compliance Approvals, Permits To Take Water and Certificates of Property Use

EcoLog ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). Details regarding these databases are provided in the EcoLog ERIS report in Appendix E.

The EcoLog ERIS database search identified no information regarding ECAs, PTTWs or CPUs for the Phase One Property.

Five records were identified for the Phase One Study Area. Pinchin notes that the search records pertain to Certificates of Approvals (currently Environmental Compliance Approvals) for sewage works, municipal water and air. Based on Pinchin's review of these records, no PCAs were identified.

4.2.1.6 Inventory of Coal Gasification Plants

EcoLog ERIS searched the following publications prepared for the MECP by Intera Technologies Inc. for information on industrial sites that formerly operated as coal gasification plants, and industrial sites that produced or used coal tar and other related tars:

- "*Inventory of Coal Gasification Plant Waste Sites in Ontario*", dated April 1987; and
- "*Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*", dated November 1988.

The EcoLog ERIS search yielded no records of former coal gasification plants or the production or use of coal tar and related tars on the Phase One Property and within the Phase One Study Area.

4.2.1.7 Environmental Incidents, Orders, Offences and Spills

EcoLog ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. Details regarding the searched databases are provided in the EcoLog ERIS report in Appendix E.

The EcoLog ERIS database search revealed no records of environmental incidents, orders, offences or spills for the Phase One Property.

The EcoLog ERIS database search of records of environmental incidents, orders, offences or spills revealed the following for the Phase One Study Area:

- No records were found of environmental incidents, orders, offences or spills for the Phase One Study Area except for the following:
  - On September 21, 1996, an undisclosed quantity of diesel fuel was released from a cargo truck at the intersection of Forum Drive and Eglinton Avenue, located approximately 200 m northeast of the Phase One Property. Based on the distance from the Phase One Property, it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property.

4.2.1.8 Waste Management Records

Waste Generators

EcoLog ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 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. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

The EcoLog ERIS search of the O. Reg. 347 Waste Generators database found no information regarding the Phase One Property.

Three properties (155 Forum Drive, 5033 and 5035 Hurontario Street) located within the Phase One Study Area were listed within the database search results as waste generators. Based on their location and distance relative to the Phase One Property (i.e., greater than 100 m and inferred to be hydraulically downgradient or transgradient of the Phase One Property), and the types of hazardous wastes generated at these properties, it is Pinchin's opinion that these PCAs do not represent APECs for the Phase One Property.

Waste Receivers

EcoLog ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 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 contains 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.

The EcoLog ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Phase One Property and Phase One Study Area.

4.2.1.9 Fuel Storage Tanks

EcoLog ERIS completed a search of various private, provincial and federal databases for information regarding chemical storage tanks, as well as private and retail fuel storage tanks. Details regarding the searched databases are provided in the EcoLog ERIS report in Appendix E.

The EcoLog ERIS search of the chemical or fuel storage tank databases found no information regarding the Phase One Property and Phase One Study Area.

4.2.1.10 Notices and Instruments

EcoLog ERIS completed a search of the provincial Environmental Registry for records pertaining to proposals, decisions, and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. EcoLog ERIS also searched the Record of Site Condition database for filed RSCs.

The EcoLog ERIS database search of the Environmental Registry and Record of Site Condition database indicated the following for the Phase One Study Area:

- No records were found in the Environmental Registry and Record of Site Condition database for the Phase One Property; and
- No records were found in the Environmental Registry and Record of Site Condition database for other properties within the Phase One Study Area except for the following:
  - One database search result comprising of an RSC was identified for the property located at 175 Forum Drive. This property is located approximately 60 m north of the Site, and is inferred to be hydraulically upgradient relative to the Phase One Property. None of the search results were related to potential impacts on groundwater quality, which is considered the primary pathway of concern for contaminant migration to the Phase One Property. There was no Certificate of Property Use issued under this RSC. As such, there is a low potential for the Environmental Registry and Record of Site Condition database search results to be indicative of discharges to the environment that represent an environmental concern to the Phase One Property and the likelihood of potential impacts to the Phase One Property is considered low. It is Pinchin's opinion that this finding does not represent a PCA.

4.2.1.11 Areas of Natural Significance

EcoLog ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map included in the EcoLog ERIS report in Appendix E did not identify any areas of natural significance on the Phase One Property or within the Phase One Study Area.

4.2.1.12 Landfill Information

EcoLog ERIS reviewed available private and provincial databases for records of any current or inactive landfills and waste disposal sites within the Phase One Study Area. Details regarding the searched databases are provided in the EcoLog ERIS report in Appendix E.

The EcoLog ERIS search of the landfill and waste disposal sites databases found no information regarding the Phase One Property and Phase One Study Area.

4.2.1.13 Other EcoLog ERIS Databases

The EcoLog ERIS database search of the Pesticide Register identified the following additional information for the Phase One Property and Phase One Study Area:

- Frank's Garden Centre, located at the Phase One Property, was listed in the database as a limited vendor of pesticides. Based on the information provided on the City of Mississauga Plan & Build eServices, a garden supply centre operated at the Phase One Property from at least 1988 to reportedly 2006. Based on the information collected during the Site reconnaissance, the garden centre operated on seasonal basis and primarily retailed gravel, mulch and interlocking stone. It is Pinchin's opinion that this PCA represents an APEC at the Phase One Property; and
- One property (5033 Hurontario Street) located within the Phase One Study Area was listed within the database search results as a vendor of pesticides. Based on its location and distance relative to the Phase One Property (i.e., greater than 200 m and inferred to be hydraulically transgradient of the Phase One Property), it is Pinchin's opinion that this PCA does not represent an APEC for the Phase One Property.

The EcoLog ERIS database search of the Scott's Manufacturing Directory identified the following additional information for the Phase One Study Area:

- Two properties (Suite 207B at 211 Forum Drive and 5035 Hurontario Street) were listed in the Scott's Manufacturing Directory database as being established in 2002. The business at 211 Forum Drive (Informtech) is related to software publishing, surveying and mapping, and computer systems. The business at 5035 Hurontario Street (Durafilter Canada) offers sales, service and advice to the hydraulics industry. These properties are located greater than 140 m and inferred to be hydraulically upgradient and transgradient of the Phase One Property, respectively. However, based on the nature of the businesses, it is Pinchin's opinion that these operations do not represent PCAs.

4.2.2 Ministry of the Environment, Conservation and Parks Freedom of Information Search

The MECP Freedom of Information and Protection of Privacy Office in Toronto, Ontario was contacted to determine if records exist for environmental matters such as orders, spills, previous investigations, prosecutions, registered PCB waste storage sites, waste generators, waste receivers, Cs-of-A and ECAs associated with the Phase One Property and properties adjacent to the Phase One Property.

Pinchin submitted requests for the Phase One Property and for the surrounding property (i.e., 91 Eglinton Avenue East) on January 31 and February 4, 2019. At the time of writing this report, no response to these requests had been received from the MECP. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information.

Copies of the MECP requests are provided in Appendix F.

4.2.3 Technical Standards and Safety Authority Search

The TSSA is the regulatory body that governs the safe handling and storage of fuel in Ontario. All storage of gasoline, diesel and fuel oil is subject to the Technical Standards and Safety Act. The Technical Standards and Safety Act and its relevant documents and regulations (e.g., *Liquid Fuels Handling Code*; *Ontario Regulation 213/01 – Fuel Oil*; *Ontario Regulation 217/01 – Liquid Fuels*) require that all fuel storage devices such as aboveground storage tanks (ASTs) and underground storage tanks (USTs) be registered with the TSSA.

Pinchin contacted the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property to determine whether any records of regulatory non-compliance exist. A letter response was issued by the TSSA on January 24, 2019 indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property.

A copy of the TSSA response is provided in Appendix G.

4.2.4 Property Underwriters' Reports and Plans

Property Underwriters' Reports (PURs) provide detailed information on a site-specific basis, including descriptions of building construction, heating sources, production processes, and the presence of any hazardous chemicals or materials which may have been historically stored on the Phase One Property. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers and storage tanks. Information provided on Property Underwriters' Plans (PUPs) includes the location, capacity, and contents of ASTs, USTs, chemical storage and other forms of environmental hazards.

Pinchin contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. A response was received from Opta dated January 16, 2019, which indicated that no PURs and PUPs for the Phase One Property were available. The Opta response is provided in Appendix C.

4.2.5 City Directories

City directories for the years 1966 to 2001 were reviewed by Pinchin at the local City reference library. It should be noted that no city directories were available for the City of Toronto subsequent to 2001. A summary of information obtained with respect to the Phase One Property is provided in the following table:

Year(s)	Occupant Listings for Site Address
1966	No Site listings provided.
1970/1971	No Site listings provided.
1976	No Site listings provided.
1981	GTS Electric Ltd.
1986	B Grace (residential)
1991	Frank's Garden Supply
1996 and 2001	F Pinizzotto (residential)

Based on Pinchin's review of the above-noted city directories, the following PCA was identified at the Phase One Property:

- Frank's Garden Supply was listed at the Phase One Property in 1991. Pinchin infers that the historical operations conducted by the garden supply centre could involve bulk storage of fertilizers. It is Pinchin's opinion that this PCA represents an APEC in relation to the Phase One Property.

Based on Pinchin's review of the above-noted city directories, the following PCA was identified within the Phase One Study Area outside of the Phase One Property:

- Speedy Auto Service and Speedy Muffler King were listed in the city directories at 5033 Hurontario Street from 1997 to 2001. This property is located approximately 230 m southwest of the Phase One Property, and is located hydraulically transgradient relative to the Phase One Property. Based on the distance and the inferred direction of groundwater flow, it is Pinchin's opinion that this PCA does not represent an APEC in relation to the Phase One Property.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Pinchin reviewed aerial photographs of the Phase One Property and surrounding properties within the Phase One Study Area to assess the potential for historical PCAs. Copies of aerial photographs dated 1954, 1966, 1975, 1980, 1985, 1992, 1997, 2005, 2010, 2015, 2016 and 2018 were obtained from the City of Mississauga online mapping and reviewed by Pinchin. The 1954 aerial photograph was the earliest available aerial photograph of the Phase One Study Area.

Efforts were made by Pinchin to obtain aerial photographs that:

- Illustrated the period between initial development of the Phase One Property to the present;
- Identified buildings and structures present on the Phase One Property since initial development;
- Identified PCAs within the Phase One Study Area; and
- Identified APECs on the Phase One Property.

It should be noted that accurate details could not be determined from some of the aerial photographs due to the large reference scale and the low resolution of the photographs.

A summary of information obtained with respect to the Phase One Property from a review of the available aerial photography is provided in the following table:

Year of Photograph	Phase One Property
1954 – 1980	The Phase One Property appears to consist of vegetated land with an inferred farm house located at the southeast end of the Phase One Property.
1985	Similar to 1980, with the exception that the southeast end of the Phase One Property appears to be utilized as a car parking lot located in the vicinity of the farm house.
1992	Similar to 1989, with the exception that the car parking lot is no longer visible and the majority of the Phase One Property appears to be vacant land with areas of land disturbance likely related to redevelopment that is visible on neighbouring properties to the northeast. The farm house is located in the southeast portion of the Phase One Property.
1997	Similar to 1992, with the exception that the majority Phase One Property appears to be vacant land with cleared vegetation with a farm house located in the southeast portion of the Phase One Property.

Year of Photograph	Phase One Property
2005	Similar to 1997, with the exception that inferred piles of aggregates are located in the southeast and central portions of the Phase One Property. The remainder of the Phase One Property appears to consist of undeveloped vegetated land. An inferred shed was constructed adjacent to and northwest of the farm house.
2010	Similar to 2005, with the exception that the piles of aggregates are no longer present at the Phase One Property and the Phase One Property has been cleared of vegetation.
2015	Similar to 2010, with the exception that the Phase One Property has been utilized for storage of inferred shipping crates, boxes and gaylords. The shed located adjacent to and northwest of the farm house has been demolished.
2016	Similar to 2015, with the exception that the farm house has been demolished.
2018	Similar to 2016, however the remnants of shipping crates, boxes and gaylords are located at the Phase One Property.

A summary of information obtained with respect to the surrounding properties within the Phase One Study Area is provided in the following table:

Year of Photograph	Northwest	Northeast	Southeast	Southwest
1954 – 1985	Vacant undeveloped/ agricultural land.	Vacant undeveloped/ agricultural land with some farm houses located along a road similar in location and orientation to present-day Eglinton Avenue East.	A road similar in location and orientation to present-day Eglinton Avenue East followed by vacant undeveloped/ agricultural land.	Vacant undeveloped/ agricultural land with inferred barns and farm houses and an inferred apple orchard located approximately 60 m southwest of the Phase One Property at 91 Eglinton Avenue East.

Year of Photograph	Northwest	Northeast	Southeast	Southwest
1992	Similar to 1985, with the exception that buildings similar in size and configuration to present-day farm houses have been constructed along a road similar in location and orientation to Springbok Crescent.	Similar to 1985, with the exception that buildings similar in size and configuration to present-day residential buildings located at 155 - 195 Forum Drive have been constructed. A building similar in size, configuration and location to present-day institutional building located at 175 Nahani Way has been constructed. Buildings similar in size and configuration to present-day farm houses have been constructed along a road similar in location and orientation to Nahani Way.	Similar to 1985.	Similar to 1989, with the exception buildings similar in size and configuration to the present-day commercial buildings located at 4559 and 5033 Hurontario Street have been constructed. Apparent remnants of the apple orchard located at 91 Eglinton Avenue East are visible.
1997	Similar to 1992.	Similar to 1992, with the exception that buildings similar in size and configuration to present-day residential buildings located at 180 and 190 Forum Drive and 192 - 235 Forum Drive have been constructed. A building similar in size and configuration to present-day community building located at 5255 Hurontario Street has been constructed.	Similar to 1992.	Similar to 1992.

Year of Photograph	Northwest	Northeast	Southeast	Southwest
2005	Similar to 2003, with the exception that buildings similar in size and configuration to present-day residential buildings located along Nahani Way are under construction.	Similar to 1997, with the exception that a building similar in size and configuration to present-day residential building located at 175 Forum Drive has been constructed. Inferred commercial buildings have been constructed at 211 and 220 Forum Drive. Buildings similar in size and configuration to present-day residential buildings located 190 Forum Drive have been constructed.	Similar to 2003, with the exception that buildings similar in size and configuration to present-day residential buildings located at 4950 Albina Way have been constructed.	Similar to 2003.
2010	Similar to 2005.	Similar to 2005, with the exception that a building located at 220 Forum Drive has been constructed.	Similar to 2005.	Similar to 2005.
2015	Similar to 2010, with the exception that areas of land disturbance are located to the northwest of the Phase One Property.	Similar to 2010.	Similar to 2010.	Similar to 2010.

Year of Photograph	Northwest	Northeast	Southeast	Southwest
2016	Similar to 2015, with the exception that roads similar in location and orientation to present-day Armdale Road, Belbin Street, Preston Meadow Avenue and Kencourt Drive and residential buildings are under construction.	Similar to 2015.	Similar to 2015.	Similar to 2015.
2018	Similar to 2016, with the exception that roads similar in location and orientation to present-day Armdale Road, Belbin Street, Preston Meadow Avenue and Kencourt Drive and buildings similar in size and configuration to present-day residential buildings have been constructed.	Similar to 2016.	Similar to 2016.	Similar to 2016, with the exception that the inferred barns located at 91 Eglinton Avenue have been demolished.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was developed prior to 1954.

The aerial photograph review identified no APECs on the Phase One Property.

The aerial photograph review identified the following PCAs within the Phase One Study Area:

- An inferred apple orchard was located at 91 Eglinton Avenue East, as indicated on the 1954 through 1985 aerial photographs. Pesticides and herbicides were typically applied to orchards. The apple orchard was located approximately 60 m southwest and inferred to be hydraulically transgradient relative to the Phase One Property. Based on the distance and the inferred direction of groundwater flow, it is Pinchin's opinion that this PCA does not represent an APEC at the Phase One Property.

Copies of the aerial photographs of the Phase One Property and surrounding area are provided in Appendix H.

4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the online Atlas of Canada Toporama Map City of Toronto, is approximately 170 m above mean sea level (mamsl). The general topography in the local and surrounding area is generally flat with a slight grade downwards in elevation to the south. No bedrock outcrops were observed on the Phase One Property or in the surrounding area.

A review of the available physiographical data indicates that the Phase One Property and the surrounding properties located within the Phase One Study Area are located within drumlinized till plains as the dominant landform with the primary native material consisting of clay loam. Bedrock is expected to consist of shale, limestone, dolostone, and siltstone. The topography is considered to be mainly flat. According to the information presented in the Water Well Information System database by EcoLog ERIS (see Section 4.3.5) stratigraphy was observed to consist of sandy silt to approximately 3.6 mbgs and sand to approximately 5.5 mbgs overlying grey shale to the maximum exploration depth of 30 mbgs.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the unconfined shallow groundwater beneath the Phase One Property is expected to flow in a southeasterly direction. No water bodies are located within the Phase One Study Area, and the nearest major water body is Cooksville Creek, located approximately 690 m southwest of the Phase One. Cooksville Creek flows south and discharges into Lake Ontario, located approximately 8.4 kilometres southeast of the Phase One Property.

Copies of pertinent maps, illustrating local topographical, hydrogeological and drainage features are provided in Appendix I.

4.3.3 Fill Materials

No evidence of fill material, disturbed soil or buried debris was observed at the Phase One Property during the Site reconnaissance.

4.3.4 Water Bodies and Areas of Natural Significance

No water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area.

A review of the Area of Natural & Scientific Interest map prepared by EcoLog ERIS (see Appendix I) did not identify any parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

4.3.5 Well Records

A search of the Water Well Information System database by EcoLog ERIS identified no water well records for the Phase One Property and three water well records within the Phase One Study Area. A summary of pertinent information obtained with respect to the wells is provided in the following table:

MECP Well ID (EcoLog ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
7222069 (WWIS-2)	According to the EcoLog ERIS map, the well is located approximately 30 m northeast and inferred to be hydraulically transgradient relative to the Phase One Property.	Grey sandy silt (0-3.6 m below ground surface [mbgs]) Grey shale (3.6-10.7 mbgs)	3.6 mbgs	Not indicated
4902235 (WWIS-4)	According to the EcoLog ERIS map, the well is located approximately 80 m southeast and inferred to be hydraulically downgradient relative to the Phase One Property.	Medium sand (0-5.5 mbgs) Shale (5.5-30 mbgs)	5.5 mbgs	5.5 mbgs
7232886 (WWIS-15)	According to the EcoLog ERIS map, the well is located approximately 240 m west and inferred to be hydraulically transgradient relative to the Phase One Property.	Not indicated	Not indicated	0.9 mbgs

It is unknown if the water wells currently exist within the Phase One Study Area or have been decommissioned.

The Water Well Information System database search results are provided in the EcoLog ERIS report in Appendix E.

Based on Pinchin's knowledge of the surrounding area, the depth to groundwater in the vicinity of the Phase One Property is approximately 3.4 mbgs, and bedrock is found at a depth greater than 4.5 mbgs.

4.4 Site Operating Records

There are no current land uses or records of historical land use that would classify the Phase One Property as an enhanced investigation property (see Section 6.3). As such, site operating records were not reviewed as part of the Phase One ESA.

5.0 INTERVIEWS

Pinchin interviewed individuals knowledgeable of the Phase One Property and its history to obtain or confirm information regarding the environmental condition of the Phase One Property. The following individuals provided information regarding the history of the Phase One Property and the surrounding properties within the Phase One Study Area to the best of their knowledge:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
Mr. Victor Torchia	Property Manager of Phase One Property	January 22, 2019 (Phase One Property)	In-person interview during Site reconnaissance.
Mr. John Torchia	Property Manager of Phase One Property	January 22, 2019 (Phase One Property) February 4 and 7, 2019 (Phone interview)	In-person interview during Site reconnaissance, and phone interviews.

Mr. Victor Torchia and Mr. John Torchia were chosen to be interviewed given that they managed the Phase One Property for the past 11 years and are familiar with the recent operational history of the Phase One Property. Mr. Victor Torchia and Mr. John Torchia accompanied the Pinchin representative (Ms. Joyce Kan) during the Site reconnaissance, and are collectively referred to herein as the “Site Representatives”.

Pinchin compared the information obtained from the interviews with information obtained from the historical records. In general, the information provided by the interviewees was corroborated by the available historical records. However, Mr. John Torchia indicated that there was a two car parking garage located at the southeast end of the Phase One Property in the same location as the historical farm house. He advised Pinchin that the farm house operated as a two car parking garage since 2007/2008 and prior to its demolition in 2015. Mr. Torchia also indicated that prior to purchasing the property in 2007/2008 the Phase One Property was used on seasonal basis by landscaping contractors. The city directories indicated that the Phase One Property was used for residential purposes between 1986 and 2001. As such, Pinchin infers that the farm house was likely converted to a two car parking garage for use by contractors sometime prior to 2007/2008.

With respect to PCAs and APECs, no additional information was obtained from the interviews other than that documented elsewhere in this report, with the exception of the following:

- The Site Representatives indicated that heating for the historical farm house that was later utilized as a car parking garage was provided by an oil furnace. Furnace oil was supplied from a 227-litre (50-gallon) capacity AST located at the west exterior wall of the car parking garage prior to its removal in 2006. The Site Representatives indicated that the fuel oil AST was installed at the historical farm house that was later utilized as a car parking garage sometime in 2002, and no staining was observed on the ground surface below the AST. It is Pinchin's opinion that this historical AST represents a PCA at the Phase One Property.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area was conducted for the purpose of identifying the presence of possible PCAs and associated APECs.

The Site reconnaissance was completed on January 22, 2019 by a Pinchin representative (i.e., Ms. Joyce Kan), under the direct supervision of Pinchin's QP overseeing this project. Ms. Kan is a Project Technologist with more than 6 years of environmental consulting experience. Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property and viewed publicly-accessible portions of the adjacent lands for the presence of actual or potential issues of environmental concern.

The Site reconnaissance was conducted between the hours of 09:45 AM and 12:00 PM. During the Site reconnaissance, the weather was clear and sunny, and the ambient temperature was approximately -12° Celsius. The ground surface was covered with snow at the time of the Site reconnaissance. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the property. There were no access restrictions for Pinchin for the Phase One Property. At the time of the Site reconnaissance, the Phase One Property appeared to be vacant undeveloped land.

A follow-up Site reconnaissance was completed on March 26, 2019 by a Pinchin representative (i.e. William Martyniw), under the direct supervision of Pinchin's QP overseeing this project. Mr. Martyniw is a Project Technologist with more than 3 years of environmental consulting experience. Pinchin visited the

Phase One Property to document environmental conditions after melting of the snow cover on the Site of the snow cover.

Photographs taken during the Site reconnaissance that illustrate Phase One Property and Phase One Study Area are provided in Appendix B. With reference to Appendix B, the following table provides a summary of photographs:

Photograph No.	Orientation	Description
1	Looking southeast	View of the Phase One Property looking southeast.
2	Looking northwest	View of the Phase One Property looking northwest.
3	Looking northwest	Looking northwest from Phase One Property.
4	Looking northwest	View of the properties located northeast of the Phase One Property.
5	Looking southeast	Looking southeast from Phase One Property.
6	Looking east	Looking southwest from Phase One Property.
7	Looking east	View of transformer located northwest of the Phase One Property.

6.2 Specific Observations at Phase One Property

6.2.1 Description of Buildings and Structures

There were no buildings or structures present on the Phase One Property at the time of the Site reconnaissance.

6.2.2 Description of Below-Ground Structures

During the Site reconnaissance, Pinchin did not observe any current below-ground structures on the Phase One Property.

6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin did not observe any tanks on the Phase One Property for the purpose of either fuel dispensing or storage, or other unidentified substance storage.

6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources on the Phase One Property. The Phase One Property is currently not serviced by a municipal water supply.

Pinchin was advised by the Site Representatives that the Phase One Property was previously serviced by a municipal water supply via underground piping running from Eglinton Avenue East to the historical farm house that was later utilized as a car parking garage.

6.2.5 Description and Location of Underground Utilities

There are currently no active underground utilities on the Phase One Property. According to the Site Representatives, a water service line was capped at Eglinton Avenue East at the time of the demolition of the historical farm house that was later utilized as a car parking garage.

6.2.6 Entry and Exit Points

No buildings were observed at the Phase One Property during the Site reconnaissance.

6.2.7 Details of Heating System

No buildings were observed at the Phase One Property during the Site reconnaissance.

Heating for the historical farm house that was later utilized as a car parking garage located at the southeast end of the Phase One Property was provided by a fuel oil-fired furnace since 2002. Furnace oil was supplied from a 227-litre (50-gallon) capacity AST located at the west exterior wall. The AST was removed in 2006. Pinchin was advised that no staining was observed under the AST. It is Pinchin's opinion that this historical AST represents a PCA at the Phase One Property.

Information on the heating source for the historical farm house located at the southeast end of the Phase One Property was not provided. Based on Pinchin's review of the available information, the historical heating source for the historical farm house could not be determined.

6.2.8 Details of Cooling System

No buildings were observed at the Phase One Property during the Site reconnaissance.

6.2.9 Details of Drains, Pits and Sumps

No buildings were observed at the Phase One Property during the Site reconnaissance. No drains, pits, or sumps were observed at the Phase One Property.

6.2.10 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances at the Phase One Property. Small volumes (i.e., less than 20 L) of engine oil and SpecStrip release agent were stored in their original containers on wooden pallets and bare ground at the Phase One Property. No bulk liquid storage was observed on-Site.

6.2.11 Details of Staining and Corrosion

During the Site reconnaissance, Pinchin did not observe any areas of staining or corrosion.

6.2.12 Details of On-Site Wells

No water supply or groundwater monitoring wells were observed to be on or within the Phase One Property. Mr. John Torchia was not aware of any water supply wells or groundwater monitoring wells to be on or within the Phase One Property.

6.2.13 Details of Sewage Works

During the Site reconnaissance, Pinchin did not observe any sewage works or evidence of sewage disposal on the Phase One Property.

6.2.14 Details of Ground Cover

Pinchin completed a follow-up Site reconnaissance on March 26, 2019, and inspected the ground cover. The exterior of the Phase One Property consisted of bare ground.

6.2.15 Details of Current or Former Railways

No current or former railway infrastructure was observed on the Phase One Property.

6.2.16 Areas of Stained Soil, Vegetation and Pavement

During the Site reconnaissance, Pinchin did not observe any areas of stained soil, vegetation or pavement on the Phase One Property.

6.2.17 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property.

6.2.18 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property.

6.2.19 Potentially Contaminating Activities

A PCA is defined by O. Reg. 153/04 as 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" including the Phase One Property. Pinchin did not identify any current PCAs at the Phase One Property during the Site reconnaissance.

A pad-mounted oil-cooled transformer was observed to the northwest of the Phase One Property during the Site reconnaissance. The transformer is located approximately 15 m northwest of the Phase One Property, and is inferred to be hydraulically upgradient relative to the Phase One Property.

This additional PCA is not considered to represent an APEC at the Phase One Property given the distance from the PCA to the Phase One Property.

6.2.20 Unidentified Substances Outside Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances at the Phase One Property. Small volumes (i.e., less than 20 L) of engine oil and SpecStrip release agent were stored in their original containers on wooden pallets and bare ground at the Phase One Property. Pinchin notes that these unidentified substances were not observed during the follow-up Site reconnaissance completed by Pinchin on March 26, 2019. No bulk liquid storage was observed on-Site.

6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an "enhanced investigation property" as a property that is being used or has been used, in whole or in part, in the following manner:

- For an industrial use; or
- For any of the following commercial uses:
  - As a garage;
  - As a bulk liquid dispensing facility, including a gasoline outlet; or
  - For the operation of dry cleaning equipment.

The findings of this Phase One ESA have not documented any of the above land uses as occurring at the Phase One Property, and the Phase One Property is therefore not an enhanced investigation property.

6.4 Written Description of Investigation

The Phase One ESA completed by Pinchin included investigations of the Phase One Property and the Phase One Study Area outside of the Phase One Property pursuant to Sections 13 and 14 of Schedule D of O. Reg.153/04. The main objective of these investigations was to identify PCAs at the Phase One

Property or within the Phase One Study Area outside of the Phase One Property that could have resulted in APECs at the Phase One Property.

6.4.1 Phase One Property

The investigation of the Phase One Property consisted of the following components:

- Review of available historical records, including EcoLog ERIS regulatory search, information obtained through MECP FOI and TSSA requests, city directories, aerial photographs, well records;
- A Site reconnaissance completed on January 22, 2019 by Ms. Joyce Kan of Pinchin that included an assessment of the exterior of the Phase One Property;
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by EcoLog ERIS for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified the following PCAs that are considered to represent APECs at the Phase One Property:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks:
  - Heating for the historical farm house that was later utilized as a car parking garage located at the southeast end of the Phase One Property was provided by a fuel oil-fired furnace since 2002. Furnace oil was supplied from a 227-litre (50-gallon) capacity AST located at the west exterior wall prior to its removal in 2006; and
  - Historical heating source for the historical farm house located at the southeast end of the Phase One Property could not be determined. The historical farm house was constructed prior to 1954 and demolished in 2015.
- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - Frank's Garden Centre, located at the Phase One Property, was listed in the Pesticide Register database as a limited vendor of pesticides (year unknown).
- Item 22 – Fertilizer Manufacturing, Processing and Bulk Storage:
  - Frank's Garden Supply was listed in the city directories at the Phase One Property in 1991. Pinchin infers that the historical operations conducted by the garden supply centre could involve bulk storage of fertilizers.

As per O. Reg. 153/04, all identified PCAs at the Phase One Property are considered APECs that will require investigation through the completion of a Phase Two ESA.

No areas of natural significance were identified at the Phase One Property.

6.4.2 Phase One Study Area Outside of Phase One Property

The investigation of the Phase One Study Area outside of the Phase One Property consisted of the following components:

- Review of available historical records, including EcoLog ERIS regulatory search, city directories and aerial photographs;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and
- Review of mapping provided by EcoLog ERIS for the presence of areas of natural significance.

The following PCA was identified within the Phase One Study Area outside of the Phase One Property:

- Item 55 – Transformer Manufacturing, Processing and Use:
  - A pad-mounted oil-cooled transformer was observed to the northwest of the Phase One Property during the Site reconnaissance. The transformer is located approximately 15 m northwest of the Phase One Property, and is inferred to be hydraulically upgradient relative to the Phase One Property.

This additional PCA is not considered to represent an APEC at the Phase One Property given the distance from the PCA to the Phase One Property.

No areas of natural significance were identified within the Phase One Study Area outside of the Phase One Property.

Based on a cursory review of the properties greater than 250 m (i.e., outside of the Phase One Study Area), but less than 1 km, from the Phase One Study Area, Pinchin did not note or observe any significant contaminating properties that should be included as part of this assessment (i.e., landfills, large industrial manufacturers, etc.).

A plan identifying the locations of the PCAs and APECs for which this Phase One ESA applies to is provided as Figure 4 for the PCAs and Figure 5 for the APECs.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

The following table is a summary of the current and past land uses of the Phase One Property:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
Prior to 1954	Unknown.	Assumed agricultural.	Assumed agriculture or other use.	The 1954 aerial photograph shows the Phase One Property consisting of vegetated land with an inferred farm house located at the southeast end of the Phase One Property.
1954 – 1980	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property.	Agriculture or other use.	The 1954 aerial photograph shows the Phase One Property consisting of vegetated land with an inferred farm house located at the southeast end of the Phase One Property. The Phase One Property was not listed in city directories.
1981	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property.	Agriculture or other use.	GTS Electric Ltd. was listed at the Phase One Property in the city directories.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
1985/1986	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property.	Agriculture and residential.	The 1985 aerial photograph shows a car parking lot located in the vicinity of the farm house. A private individual was listed at the Phase One Property, as indicated in the 1986 city directory listing.
1988 – 2006	Unknown.	An inferred farm house was constructed at the southeast end of the Phase One Property. An inferred shed was constructed adjacent to the northwest of the farm house.	Agriculture and residential.	Information provided by the city directories and City of Mississauga Plan & Build e Services website indicates that Franks Garden Supply, a garden supply centre, operated at the Phase One Property from at least 1988 to reportedly 2006. Based on the information collected during the Site reconnaissance, the garden centre operated on seasonal basis and primarily retailed gravel, mulch and interlocking stone. The 2005 aerial photograph shows inferred piles of aggregates located in the southeast and central portions of the Phase One Property. A shed was constructed adjacent to and northwest of the historical farm house. The Site Representatives advised Pinchin that the historical farm house formerly utilized as a car parking garage was heated by an oil-fired

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
				furnace supplied with heating oil from a 200 L AST. Private individuals were listed at the Phase One Property, as indicated in the 1996 and 2001 city directory listings. Based on Pinchin's review of the available information, the historical farm house was converted to a two car parking garage sometime prior to 2007/2008.
2007 – 2018	2190777 Ontario Inc.	The historical farm house that was converted to a car parking garage was demolished in 2015 and the shed was demolished between 2010 and 2015.	Agriculture and other use.	The Phase One Property consists of undeveloped vegetated land with a historical farm house that was converted to a car parking garage and a shed located at the southeast end of the Phase One Property, as indicated in the 2010 aerial photograph. The shed was demolished sometime between 2010 and 2015. The 2015 aerial photograph shows that the exterior of the Phase One Property has been utilized for storage of inferred shipping crates, boxes and gaylords.

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, FIPs, etc.
2019	2190777 Ontario Inc.	Undeveloped land.	Agriculture and other use.	Based on the information collected during the Site reconnaissance, the Phase One Property consisted of undeveloped land with remnants (e.g., wooden pallets, etc.) from the operations conducted by the garden supply centre.

To the best of Pinchin's knowledge, the Phase One Property was utilized as agricultural, commercial and residential land from at least 1954 to the present. Based on Pinchin's review of the 1954 aerial photograph, a farm house was constructed at the southeast end of the Phase One Property. GTS Electric Ltd. was listed at the Phase One Property in 1981, and a garden supply centre was located at the Phase One Property between 1988 and 2006. Based on Pinchin's review of the available information, the garden supply centre primarily retailed gravel, mulch and interlocking stone. Piles of aggregates were observed at the Phase One Property, as shown on the 2005 aerial photograph. Pinchin was advised that the garden supply centre ceased its operations in 2006. The historical farm house was converted to a two car parking garage sometime prior to 2007, likely for use by landscape contractors. The historical farm house was demolished in 2015 and the shed was demolished between 2010 and 2015. Based on Pinchin's review of the available information, the use that the shed was put to could not be established.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is sometime prior to 1954. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs and city directory search. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property at this time.

7.2 Potentially Contaminating Activities

The following PCAs as defined by O. Reg. 153/04 were documented by Pinchin to have occurred at the Phase One Property:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks:

- Heating for the former car parking garage located at the southeast end of the Phase One Property was provided by a fuel oil-fired furnace since 2002. Furnace oil was supplied from a 227-litre (50-gallon) capacity AST located at the west exterior wall prior to its removal in 2006; and
- Historical heating source for the historical farm house located at the southeast end of the Phase One Property could not be determined. The historical farm house was constructed prior to 1954 and demolished in 2015.

- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - Frank's Garden Centre, located at the Phase One Property, was listed in the Pesticide Register database as a limited vendor of pesticides (year unknown).
- Item 22 – Fertilizer Manufacturing, Processing and Bulk Storage:
  - Frank's Garden Supply was listed in the city directories at the Phase One Property in 1991. Pinchin infers that the historical operations conducted by the garden supply centre could involve bulk storage of fertilizers.

The following PCAs as defined by O. Reg. 153/04 were documented by Pinchin to have occurred within the Phase One Study Area outside of the Phase One Property:

- Item 28 – Gasoline and Associated Products Storage in Fixed Tanks:
  - Speedy Auto Service and Speedy Muffler King were listed in the city directories at 5033 Hurontario Street from 1997 to 2001. This property is located approximately 230 m southwest of the Phase One Property, and is inferred to be hydraulically transgradient relative to the Phase One Property.
- Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications:
  - The property located at 5033 Hurontario Street was listed in the Pesticide Register database as a vendor. This property is located approximately 230 m southwest, and is inferred to be hydraulically transgradient of the Phase One Property; and
  - An inferred apple orchard was located at 91 Eglinton Avenue East, as indicated on the 1954 through 1985 aerial photographs. Pesticides and herbicides were typically applied to orchards. The apple orchard was located approximately 60 m southwest and inferred to be hydraulically transgradient relative to the Phase One Property.

- Item 55 – Transformer Manufacturing, Processing and Use:
  - A pad-mounted oil-cooled transformer was observed to the northwest of the Phase One Property during the Site reconnaissance. The transformer is located approximately 15 m northwest of the Phase One Property, and is inferred to be hydraulically upgradient relative to the Phase One Property.
- Other – Spills:
  - On September 21, 1996, an undisclosed quantity of diesel fuel was released from a cargo truck at the intersection of Forum Drive and Eglinton Avenue, located approximately 200 m northeast and inferred to be hydraulically transgradient of the Phase One Property.
- Other - Hazardous Waste Generation:
  - Hazardous waste generation at 155 Forum Drive. This property is located approximately 100 m north, and is inferred to be hydraulically upgradient of the Phase One Property;
  - Hazardous waste generation at 5033 Hurontario Street. This property is located approximately 230 m southwest, and is inferred to be hydraulically transgradient of the Phase One Property; and
  - Hazardous waste generation at 5035 Hurontario Street. This property is located approximately 250 m southwest, and is inferred to be hydraulically transgradient of the Phase One Property.

These PCAs are not considered to represent an environmental concern for the Phase One Property due to the distance from the Phase One Property and/or the downgradient/transgradient location of the PCAs relative to the Phase One Property.

7.3 Areas of Potential Environmental Concern

The following table summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, contaminants of potential concern (COPCs) and the media which could potentially be impacted:

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 (Historical heating oil AST associated with the historical farm house formerly utilized as a car parking garage)	West exterior wall of the historical farm house that was converted to a car parking garage located at the southeast end of the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs PAHs BTEX	Soil and Groundwater
APEC #2 (Unknown heating source for the historical farm house)	In the vicinity of the historical farm house located at the southeast end of the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs PAHs BTEX	Soil and Groundwater
APEC #3 (Frank's Garden Centre)	Central and southeast portions of the Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals and Inorganics Pesticides and Herbicides	Soil
APEC #4 (Frank's Garden Centre)	Central and southeast portions of the Phase One Property	Item 22 – Fertilizer Manufacturing, Processing and Bulk Storage	On-Site	Metals and Inorganics Pesticides and Herbicides	Soil and Groundwater

Notes:

BTEX – benzene, toluene, ethylbenzene and total xylenes

PHCs – petroleum hydrocarbon fractions F1-F4

PAHs – polycyclic aromatic hydrocarbons

NA – not applicable

The rationale used by the QP in assessing the available information to determine whether PCAs exist or have existed within the Phase One Study Area, including the Phase One Property, that represent an APEC at the Phase One Property has been provided in the preceding report sections. In general, the potential for environmental impacts to the Phase One Property was evaluated using a combined probability for a source to contaminate, and the ability of contaminants to migrate on, or to the Phase One Property. For example, a gasoline UST located on the Phase One Property, or on a property in close proximity and/or upgradient of the Phase One Property, would exhibit a high potential for contamination (and is therefore considered a PCA resulting in an APEC at the Phase One Property) since gasoline is highly mobile in the subsurface. In contrast, shallow soil/fill with metals impacts located on a property adjacent to the Phase One Property would be considered to have a low potential for contamination given that metals generally have low mobility in the subsurface (and would not be considered a PCA and not an APEC at the Phase One Property). Furthermore, non-adjacent properties with PCAs located downgradient of the Phase One Property generally do not result in APECs at the Phase One Property. Groundwater is the media through which contaminants typically migrate from property to property, and if the source of the contaminant is downgradient of the Phase One Property, contaminated groundwater from this source cannot migrate to the Phase One Property and the downgradient PCA would not be considered an APEC at the Phase One Property.

As noted in the summary table above, the Phase One ESA completed by Pinchin identified a total of four APECs at the Phase One Property. Two of the APECs are related to the on-Site historical heating sources for the former car parking garage and farm house located at the southeast end of the Phase One Property. The other two APECs are related to the historical operations conducted by Frank's Garden Centre, a garden supply centre.

The COPCs listed above in the summary table are APEC-specific and were determined based on several sources of information, including but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and an evaluation by Pinchin of the mobility and susceptibility for migration of the COPCs in the subsurface.

The evaluation of the presence/absence of APECs at the Phase One Property was based upon the analysis of available documents, records and drawings, and personal interviews. In evaluating the Phase One Property and Phase One Study Area, Pinchin has relied in good faith on information provided by other individuals or sources as noted in this report. Pinchin has assumed that the information provided is factual and accurate, and has no reason to believe that any of the information provided in the available documentation or obtained through interviews is not factual or inaccurate.

Pinchin is not aware of any additional information that would alter the conclusions regarding the presence/absence of APECs at the Phase One Property.

7.4 Phase One Conceptual Site Model

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through 4, which illustrate the following features within the Phase One Study Area, where present:

- Existing buildings and structures;
- Water bodies located in whole or in part within the Phase One Study Area;
- Areas of natural significance located in whole or in part within the Phase One Study Area;
- Drinking water wells located at the Phase One Property;
- Land use of adjacent properties;
- Roads within the Phase One Study Area;
- PCAs within the Phase One Study Area, including the locations of tanks; and
- APECs at the Phase One Property.

The following provides a narrative summary of the Phase One CSM:

- The Phase One Property is a rectangular-shaped parcel of land approximately 0.38 ha (0.95 acres) in size, located approximately 375 m northeast of the intersection of Hurontario Street and Eglinton Avenue East. The Phase One Property was formerly developed with a residential property and a garden supply centre. The Phase One Property was developed with a farm house constructed prior to 1954, was converted to a car parking garage sometime before 2007, and was demolished in 2015. The Phase One Property was utilized for agricultural and residential uses. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an enhanced investigation property;
- No water bodies were identified within the Phase One Study Area. The nearest water body is Cooksville Creek located approximately 690 m southwest of the Phase One Property;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells were located on the Phase One Property;

- The adjacent properties to the west, north and east of the Phase One Property consist of residential lands. The Phase One Property is bounded by Eglinton Avenue East to the south. The historical information shows no record of any previous use of the adjacent properties other than for possible agricultural and residential purposes;
- A total of 12 PCAs were identified within the Phase One Study Area, consisting of four PCAs at the Phase One Property and 12 PCAs within the Phase One study, outside of the Phase One Property. As shown on Figure 4, two of the APECs are related to the on-Site historical heating sources for the former car parking garage and farm house located at the southeast end of the Phase One Property. The other two APECs are related to the historical operations conducted at the Phase One Property by Frank's Garden Centre, a garden supply centre. Groundwater flow within the Phase One Study Area is interpreted to be to the southeast and the off-Site PCAs are not considered to represent APECs for the Phase One Property due to the distance from the Phase One Property and/or the downgradient/transgradient location of the PCAs relative to the Phase One Property. Figures 4 and 5 provide a detailed summary of the APECs and associated PCAs and COPCs;
- There are currently no active underground utilities on the Phase One Property. According to the Site Representatives, a water service line was capped at Eglinton Avenue East at the time of the demolition of the former car parking garage. Plans were not available to confirm the depth of this utility but it is estimated to be located approximately 2 to 3 mbgs. The depth to groundwater at the Phase One Property is 3.42 mbgs. As such, it is unlikely that the utility corridors may act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property;
- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within drumlinized till plains as the dominant landform with the primary native material consisting of clay loam. Bedrock is expected to consist of shale, limestone, dolostone, and siltstone at a depth greater than 4.57 mbgs. The topography is considered to be mainly flat. According to the information presented in the Water Well Information System database stratigraphy was observed to consist of sandy silt to approximately 3.6 mbgs and sand to approximately 5.5 mbgs overlying grey shale to the maximum exploration depth of 30 mbgs; and

- The Phase One Property is relatively flat with little relief. The area surrounding the Phase One Property slopes gradually to the southeast towards the Cooksville Creek. Local groundwater flow is inferred to be to the east, based on the topography of the area surrounding the Phase One Property and the location of the Cooksville Creek. Regional groundwater flow is inferred to be to the southeast towards Lake Ontario.

There were no deviations from the Phase One ESA requirements specified in O. Reg. 153/04 or absence of information that have resulted in uncertainty that would affect the validity of the Phase One CSM.

8.0 CONCLUSIONS

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of O. Reg. 153/04. The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property in support of filing an RSC in accordance with O. Reg. 153/04.

Based on the findings of this Phase One ESA, Pinchin identified four PCAs at the Phase One Property (i.e., on-Site) and 12 PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). Of the off-Site PCAs, none are considered to result in APECs at the Phase One Property given their distance from the Phase One Property and/or their downgradient or transgradient location with respect to the inferred groundwater flow direction at the Phase One Property. The four on-Site PCAs represent a total of four APECs at the Phase One Property. It is Pinchin's opinion that these four PCAs may have resulted in contamination of soil and groundwater at the Phase One Property and, as such, represent APECs at the Phase One Property that warrant further investigation prior to the submittal of an RSC.

Pinchin recommends that a Phase Two ESA be conducted at the Phase One Property as an "assessment of property conducted in accordance with the regulations by or under the supervision of a qualified person to determine the location and concentration of one or more contaminants in the land or water on, in or under the property". Pinchin concludes that one or more contaminants originating from PCAs located on the Phase One Property and within the Phase One Study Area outside of the Phase One Property may have affected land or water on, in, or under the Phase One Property. Therefore, Pinchin recommends that a Phase Two ESA be conducted prior to filing an RSC for the Phase One Property, as may be deemed required, or for the purpose of satisfying any municipal-imposed requirements.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Furthermore, specific references are also summarized in Section 9.0.

8.1 Signatures

This Phase One ESA was undertaken under the supervision of Craig S. Kelly B.Sc., P.Geo., QP_{ESA} in accordance with the requirements of O. Reg. 153/04 support the acquisition of the Site and of the Client's application for a SPA with the City of Mississauga for the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of the assessor based on the Site conditions observed on January 22, 2019, and a review of available historical information and information obtained from interviews.

This report has been issued without having received a response to a request for information from the MECP. Pinchin reserves the right to amend our conclusions and recommendations based on information obtained from the regulatory agency.

We trust that the information provided in this report meets your current requirements.

8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 131 Eglinton Avenue East in Mississauga, Ontario (Site), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of 91 Eglinton Limited Partnership (Client) subject to the terms, conditions and limitations contained within the duly authorized proposal for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The

scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

Ontario Regulation 153/04 does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable federal, provincial or municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase One ESA.

9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

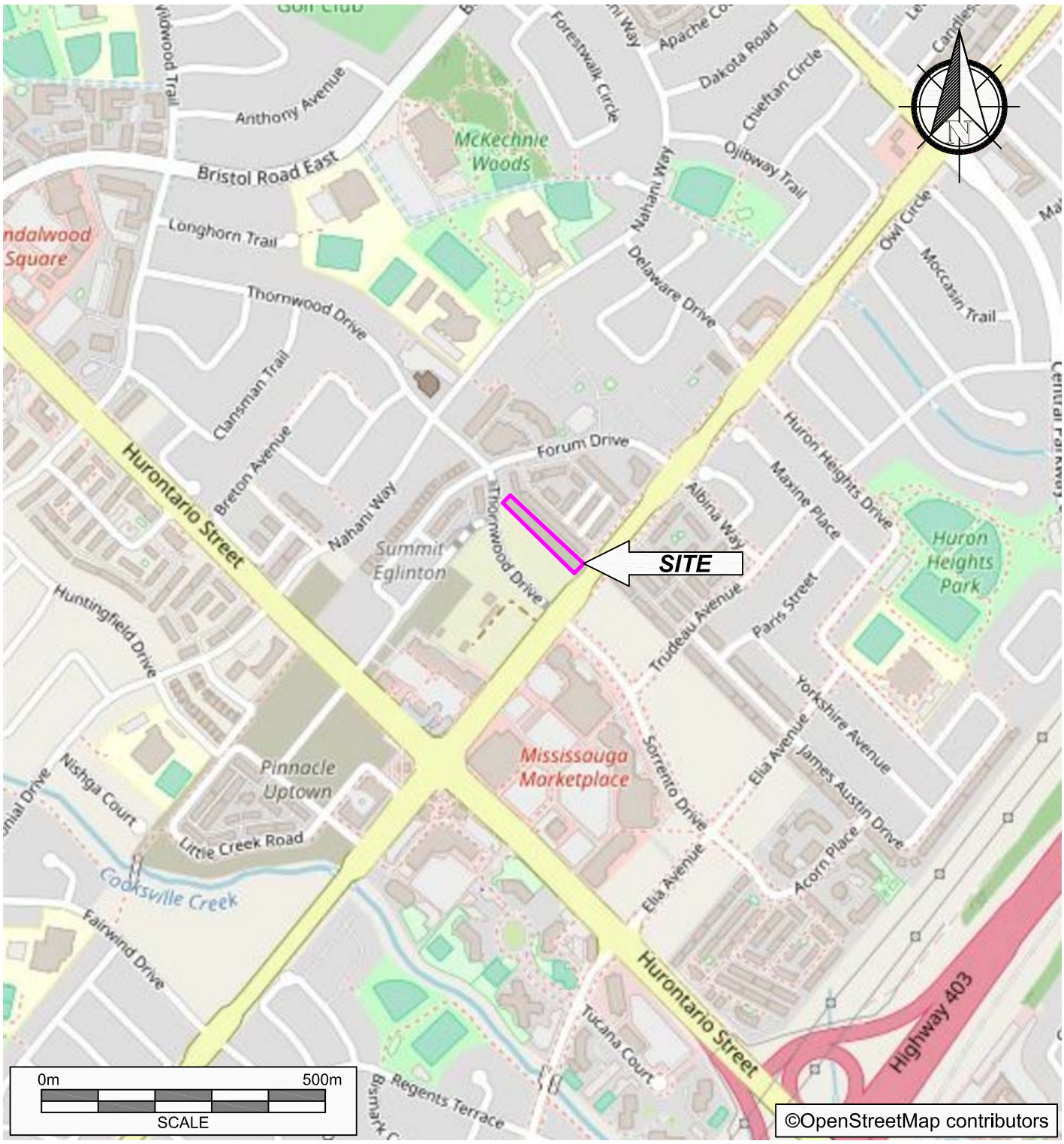
- Mr. Victor Torchia and Mr. John Torchia (Site Representatives).
- EcoLog ERIS report entitled "*Phase I ESA 131 Eglinton Avenue East Mississauga ON L4Z 1B2"*, dated January 16, 2019 (ERIS Project # 20190110198).
- Opta Information Intelligence "*131 Eglinton Avenue East Mississauga Ont*", and dated January 16, 2019 (Opta Order ID: 20190110198).
- Intera Technologies Inc. *Inventory of Coal Gasification Plant Waste Sites in Ontario.* April 1987.
- Intera Technologies Inc. *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*. November 1988.
- Toronto Reference Library, Toronto, Ontario.
- Technical Standards & Safety Authority.
- Ontario Ministry of the Environment, Conservation and Parks.
- City of Mississauga Plan & Build eServices:

  https://www.mississauga.ca/portal/services/property?DPSLogout=true
- City of Mississauga Service Online Maps

  https://www.mississauga.ca/portal/services/maps
- Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 312/17 on July 28, 2017.

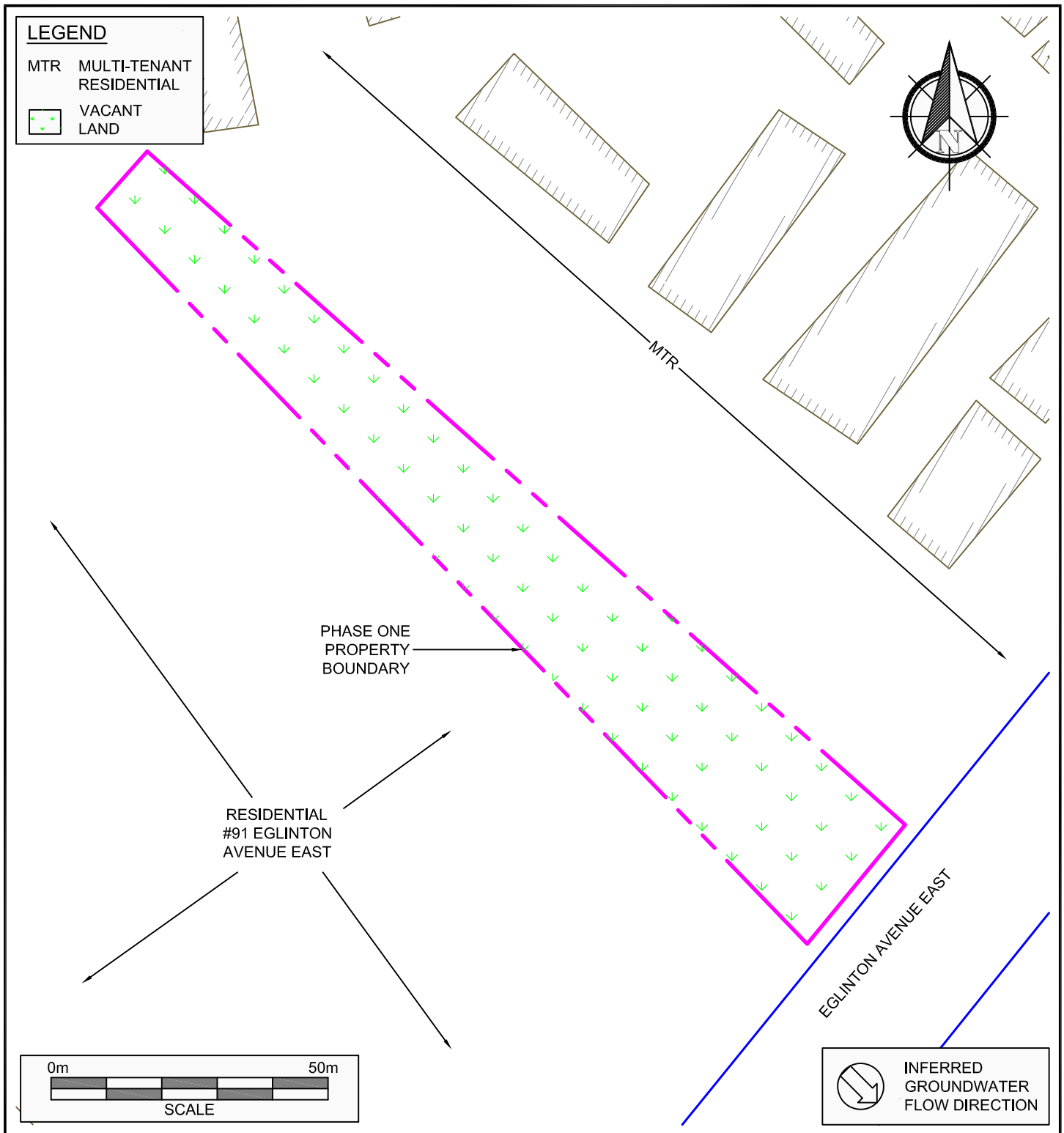
10.0 APPENDICES

APPENDIX A
Figures



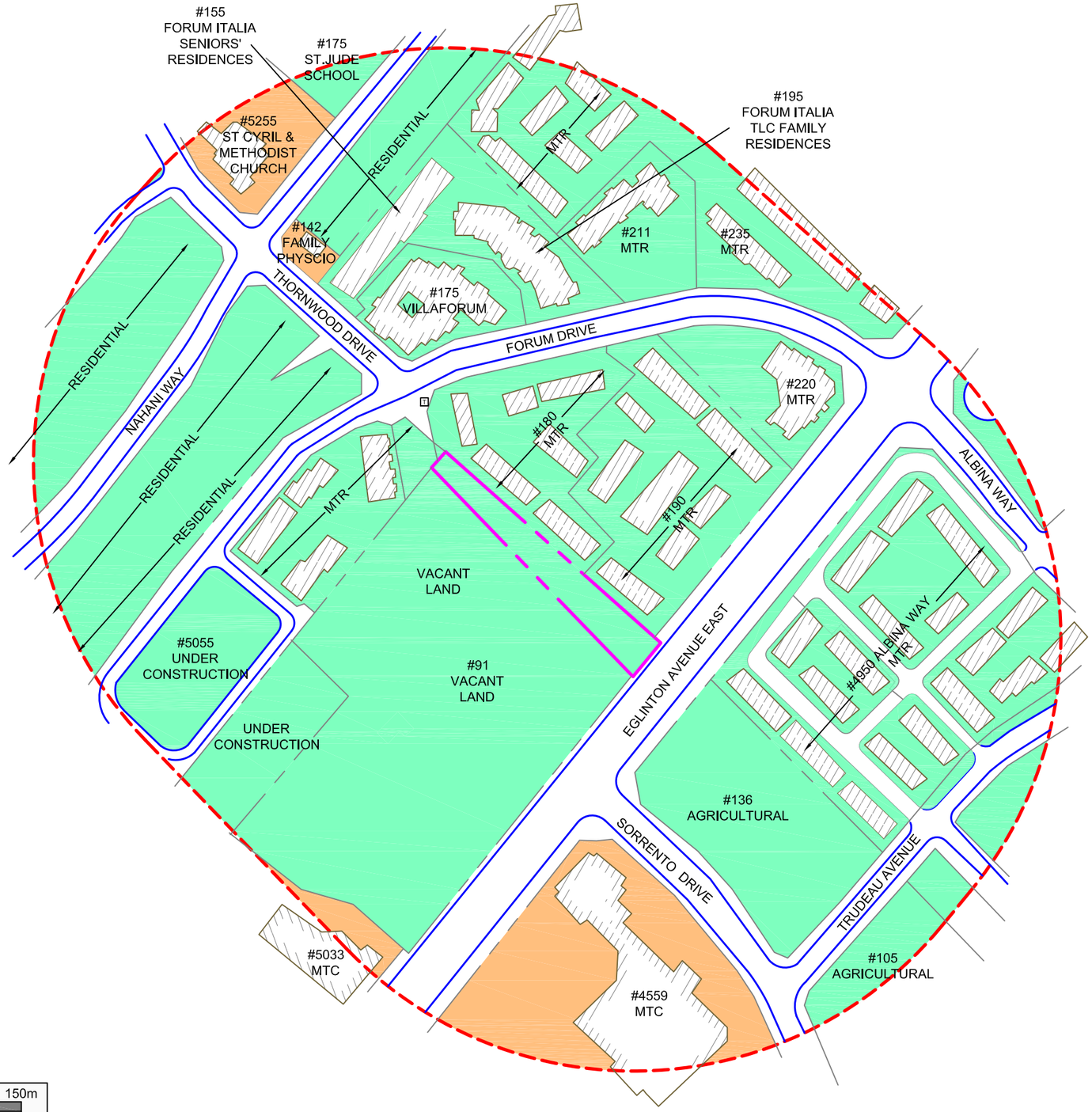
PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: KEY MAP			FIGURE NO.: 1
SCALE: AS SHOWN	PROJECT NO.: 230989	DATE: APRIL 2019	



PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: PHASE ONE PROPERTY			FIGURE NO.: 2
SCALE: AS SHOWN	PROJECT NO.: 230989	DATE: APRIL 2019	



0m 150m
SCALE

INFERRED GROUNDWATER FLOW DIRECTION

LEGEND

- COMMUNITY/COMMERCIAL/ INDUSTRIAL LAND USE
- INSTITUTIONAL/PARK/ RESIDENTIAL LAND USE
- PHASE ONE PROPERTY BOUNDARY
- PHASE ONE STUDY AREA BOUNDARY
- MTC MULTI-TENANT COMMERCIAL
- MTR MULTI-TENANT RESIDENTIAL
- T TRANSFORMER

PINCHIN

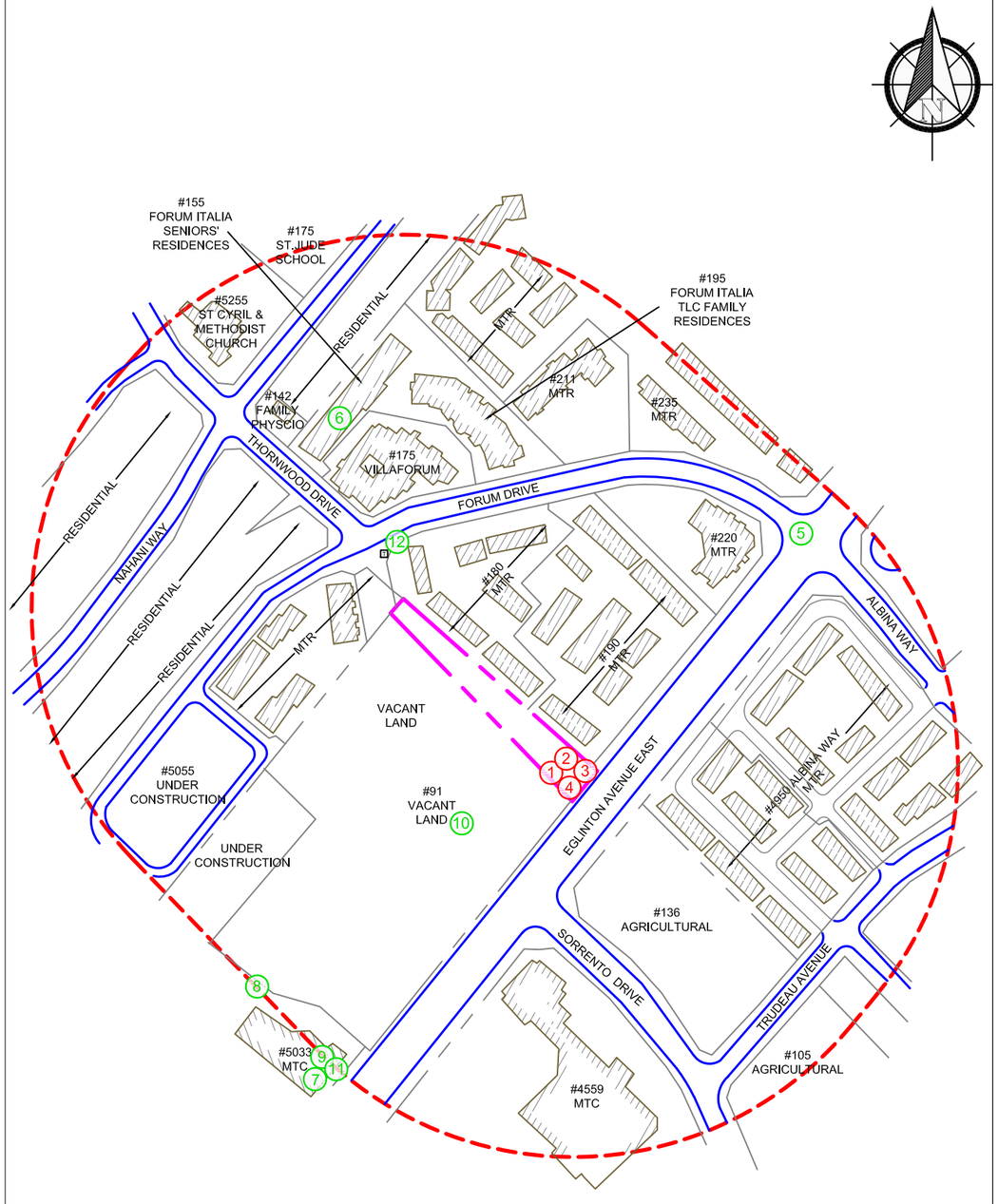
PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
PHASE ONE STUDY AREA

SCALE	PROJECT NO.
AS SHOWN	230989
DATE	FIGURE NO.
APRIL 2019	3



PCA Designation	Location of Potential Environmental Concerns (PCAs) within the Phase One Study Area	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)
1	Heating for the former parking garage located at the southeast end of the Phase One Property was provided by a fuel oil-fired furnace since 2002. Furnace oil was supplied from a 227-litre (50-gallon) capacity AST located at the west exterior wall prior to its removal in 2006.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site
2	Historical heating source for the former farm house located at the southeast end of the Phase One Property could not be determined. The former farm house was constructed prior to 1954 and demolished in 2015/2016.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site
3	Frank's Garden Centre, located at the Phase One Property, was listed in the Pesticide Register database as a limited vendor of pesticides (year unknown).	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site
4	Frank's Garden Supply was listed in the city directories at the Phase One Property in 1991. Pinchin infers that the historical operations conducted by the garden supply center could involve bulk storage of fertilizers.	Item 22 – Fertilizer Manufacturing, Processing and Bulk Storage	On-Site
5	On September 21, 1996, an undisclosed quantity of diesel fuel was released from a cargo truck at the intersection of Forum Drive and Eglinton Avenue, located approximately 200 metres (m) northeast and inferred to be hydraulically transgradient of the Phase One Property.	Other – Spills	Off-Site
6	Hazardous waste generation at 155 Forum Drive. This property is located approximately 100 m north, and is inferred to be hydraulically upgradient of the Phase One Property.	Other - Hazardous Waste Generation	Off-Site
7	Hazardous waste generation at 5033 Hurontario Street. This property is located approximately 230 m southwest, and is inferred to be hydraulically transgradient of the Phase One Property.	Other - Hazardous Waste Generation	Off-Site
8	Hazardous waste generation at 5035 Hurontario Street. This property is located approximately 250 m southwest, and is inferred to be hydraulically transgradient of the Phase One Property.	Other - Hazardous Waste Generation	Off-Site
9	The property located at 5033 Hurontario Street was listed in the Pesticide Register database as a vendor. This property is located approximately 230 m southwest, and is inferred to be hydraulically transgradient of the Phase One Property.	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site
10	An inferred apple orchard was located at 91 Eglinton Avenue East, as indicated on the 1954 through 1985 aerial photographs. Pinchin notes that the application of pesticides and herbicides was a generally acceptable practice. The apple orchard was located approximately 60 m southwest and inferred to be hydraulically transgradient relative to the Phase One Property.	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site
11	Speedy Auto Service and Speedy Muffler King were listed in the city directories at 5033 Hurontario Street from 1997 to 2001. This property is located approximately 230 m southwest of the Phase One Property, and is inferred to be hydraulically transgradient relative to the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	Off-Site
12	A pad-mounted oil-cooled transformer was observed to the northwest of the Phase One Property during the Site reconnaissance. The transformer is located approximately 15 m northwest of the Phase One Property, and is inferred to be hydraulically upgradient relative to the Phase One Property.	Item 55 – Transformer Manufacturing, Processing and Use	Off-Site

LEGEND

- PHASE ONE PROPERTY BOUNDARY
- PHASE ONE STUDY AREA BOUNDARY
- MTC MULTI-TENANT COMMERCIAL
- MTR MULTI-TENANT RESIDENTIAL
- T TRANSFORMER
- # PCA NUMBER CONTRIBUTES TO AN APEC
- # PCA NUMBER DOES NOT CONTRIBUTE TO AN APEC
- APEC AREA OF ENVIRONMENTAL CONCERN
- PCA POTENTIALLY CONTAMINATING ACTIVITY

PINCHIN

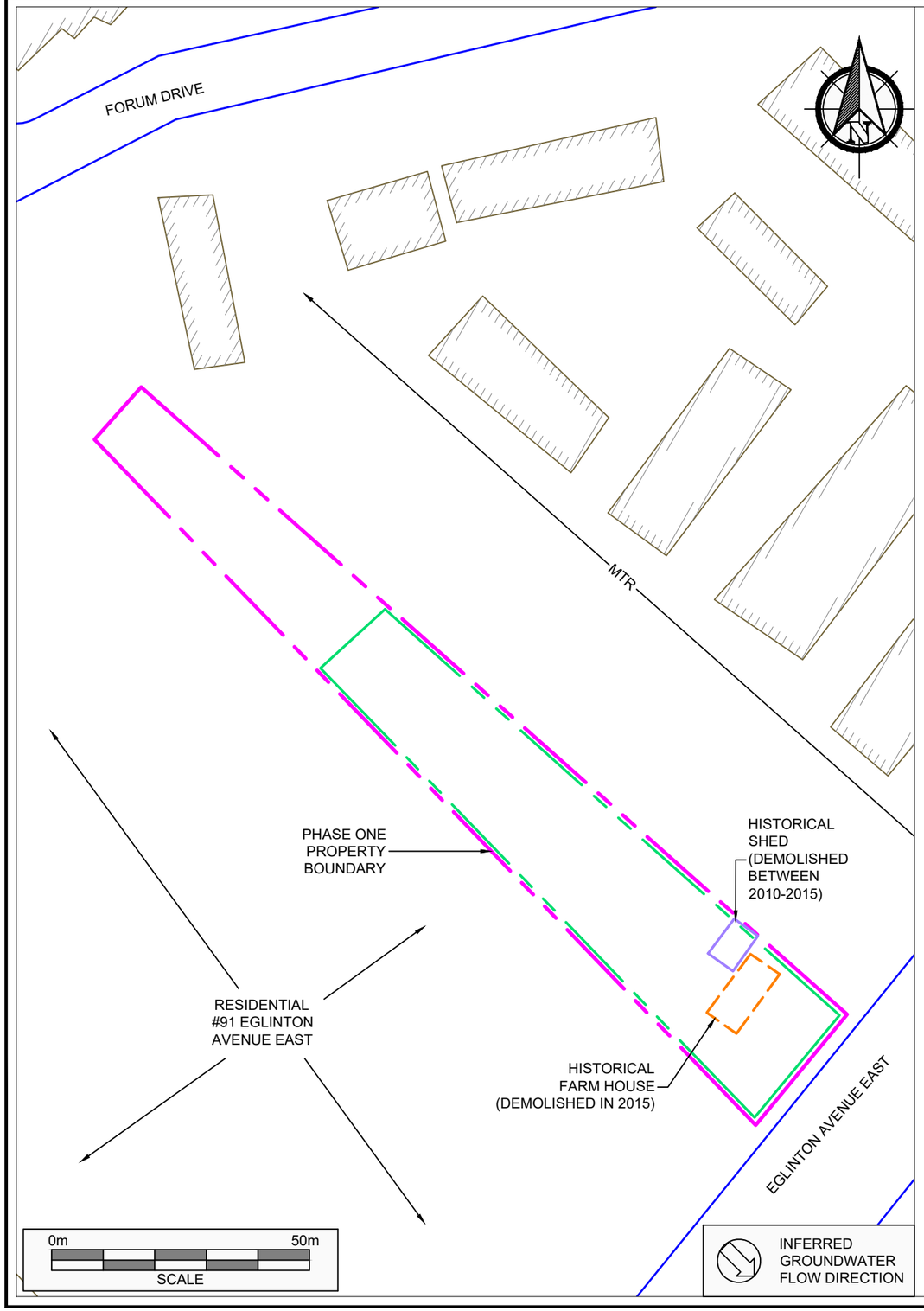
PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
POTENTIALLY CONTAMINATING ACTIVITIES

SCALE	PROJECT NO.
AS SHOWN	230989
DATE	FIGURE NO.
APRIL 2019	4



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 (Historical heating oil AST associated with the historical farm house formerly utilized as a car parking garage)	West exterior wall of the historical farm house that was converted to a car parking garage located at the southeast end of the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs PAHs BTEX	Soil and Groundwater
APEC #2 (Unknown heating source for the historical farm house)	In the vicinity of the historical farm house located at the southeast end of the Phase One Property.	Item 28 – Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs PAHs BTEX	Soil and Groundwater
APEC #3 (Frank's Garden Centre)	Central and southeast portions of the Phase One Property	Item 40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	Metals and Inorganics Pesticides and Herbicides	Soil
APEC #4 (Frank's Garden Centre)	Central and southeast portions of the Phase One Property	Item 22 – Fertilizer Manufacturing, Processing and Bulk Storage	On-Site	Metals and Inorganics Pesticides and Herbicides	Soil

LEGEND

MTR MULTI-TENANT RESIDENTIAL
APEC AREA OF ENVIRONMENTAL CONCERN
BTEX BENZENE, TOLUENE, ETHYLBENZENE AND TOTAL XYLENES
PHCs PETROLEUM HYDROCARBON FRACTIONS F1-F4
PAHs POLYCYCLIC AROMATIC HYDROCARBONS
NA NOT APPLICABLE

APEC1
APEC2
APEC3&4

PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

SCALE	PROJECT NO.
AS SHOWN	230989
DATE	FIGURE NO.
APRIL 2019	5

APPENDIX B

Photographs

Photo 1 – View of the Phase One Property looking southeast.

Photo 2 – View of the Phase One Property looking northwest.

Photo 3 – Looking northwest from Phase One Property.

Photo 4 – View of the properties located northeast of the Phase One Property, looking northwest across Eglinton Avenue East.

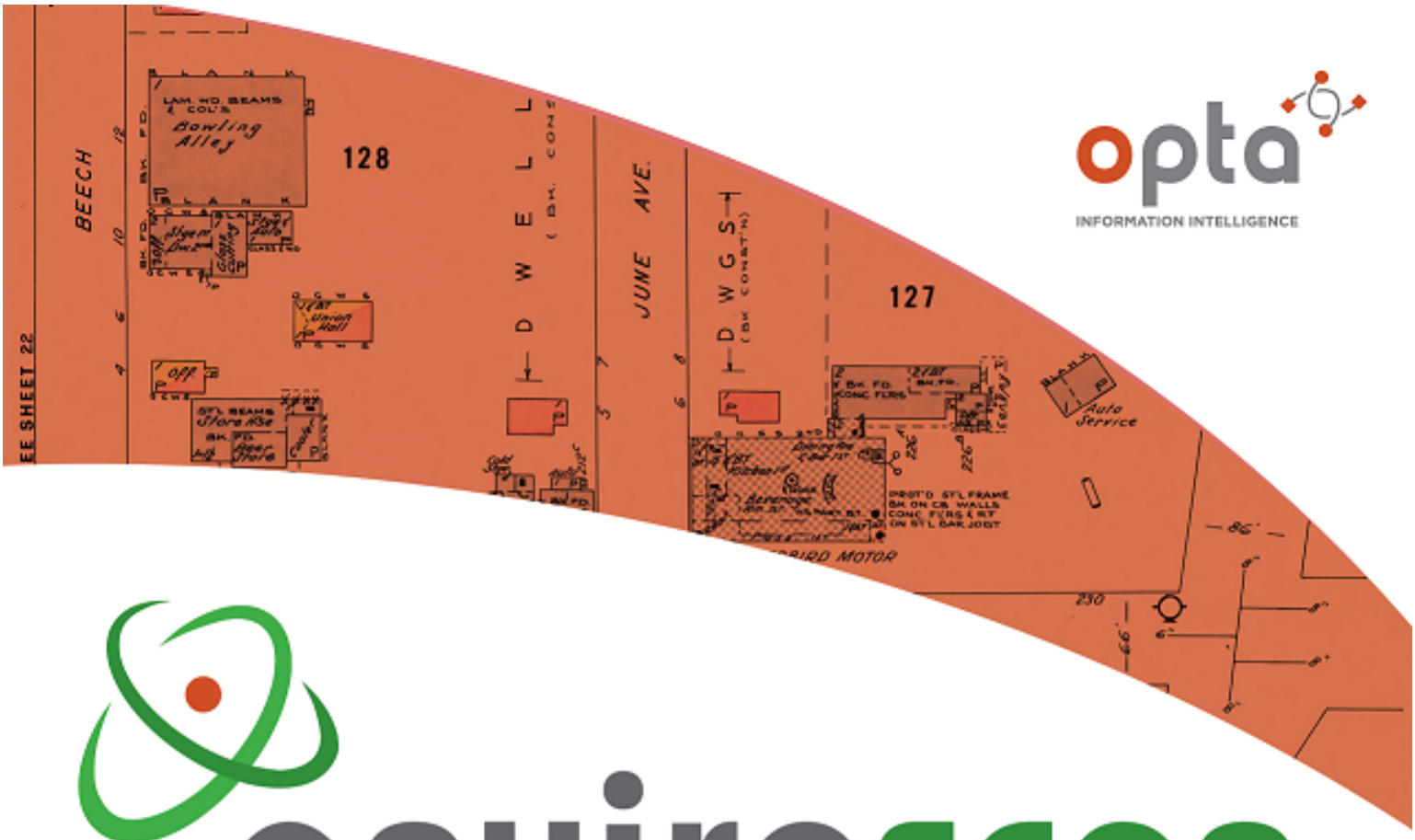
Photo 5 – Looking southeast from Phase One Property.

Photo 6 – Looking southwest from Phase One Property.

Photo 7 – View of the transformer located northwest of the Phase One Property, looking east.

APPENDIX C

Opta Records



opta
INFORMATION INTELLIGENCE

enviroscan

An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

131 Eglinton Avenue East Mississauga Ont

Project No:

20190110198

Opta Order ID:

57131

Requested by:

Eleanor Goolab
ERIS

Date Completed:

1/16/2019 11:13:44 AM

Project Name: Phase One ESA

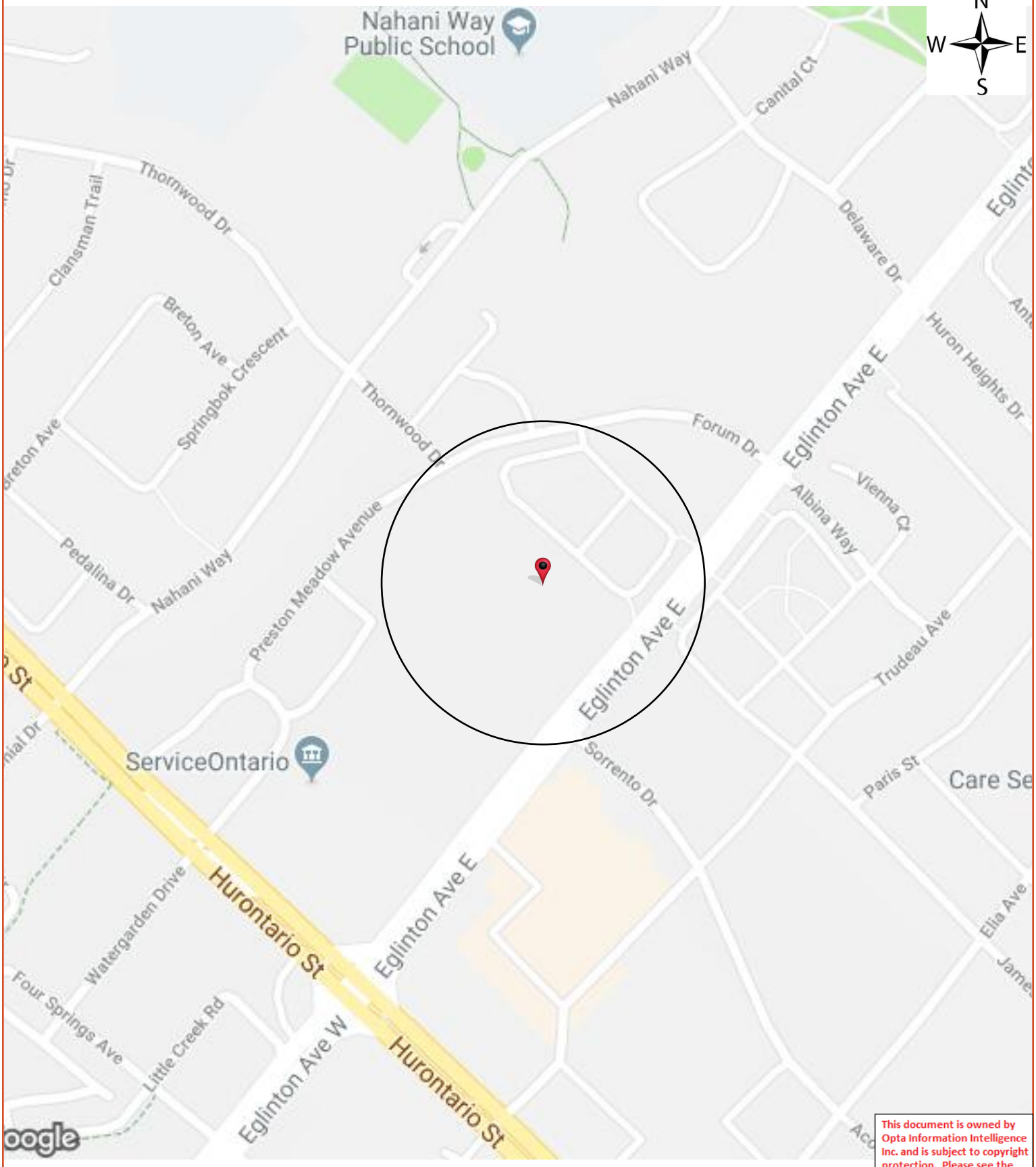
Project #: 20190110198
P.O. #: 230989

ENVIROSCAN Report

Search Area: 131 Eglinton Avenue East Mississauga Ont

Requested by:
Eleanor Goolab
Date Completed: 01/16/2019 11:13:44

enviroscan
OPTA INFORMATION INTELLIGENCE



Opta Historical Environmental Services Enviroscan™ Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

ENVIROSCAN Report

No Records Found

Requested by:
Eleanor Goolab
Date Completed: 01/16/2019 11:13:44

OPTA INFORMATION INTELLIGENCE

No Records Found

N
W E
S

APPENDIX D

Chain of Title Search Results

CHAIN OF TITLE REPORT

Project # 20190207004
Address: 131 Eglinton Avenue East, Mississauga
Legal Description: Part Lot 1, Con 1 EHS as in RO1065115 except Pt 1, 43R24516

PIN# 13289-0398 (LT)

Searched at: Brampton
LRO #: 43

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	11 03 1825	Crown	**William PRESTON**
5144	Deed	25 03 1825	William Preston	George FARRELL
6752	Deed	09 03 1829	George Farrell	Reed WRIGHT
13259	Deed	30 10 1836	Reed Wright	George WRIGHT
26933	Deed	30 05 1846	George Wright	Joseph WRIGHT
7453	Deed	01 11 1859	Joseph Wright	John TOTTEN
14886	Deed	15 11 1866	John Totten - Estate	AlexanderTOTTEN
211	Deed	15 02 1869	Alexander totten	William J. COTTON
1949	Deed	19 06 1876	William J. Cotton	George WINTERS

Cont'd on Page 2

Project # 20190207004
Address: 131 Eglinton Avenue East, Mississauga
Legal Description: Part Lot 1, Con 1 EHS as in RO1065115 except Pt 1, 43R24516

PIN# 13289-0398 (LT)

Searched at: Brampton
LRO #: 43

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
5011	Deed	12 02 1884	George Winters	Edwin SOUTH
5823	Deed	28 10 1886	Edwin South	James T. SHARP
6406	Mortgage	08 03 1888	James T. Sharp	Joseph GRAHAM (Mortgagee)
9756	Deed	21 10 1898	James T. Sharp	William Joseph DICKOUT
9785	Deed	04 11 1898	William Joseph Dickout	James T. SHARP
10042	Order of Foreclosure	28 10 1899	Ontario General Court (James T. Sharp defaulted in Mtg 6406)	Joseph GRAHAM
10087	Deed	17 12 1899	Joseph Graham	John McCAULEY
10672	Deed (Root 1)	05 12 1901	John McCauley	Ann SHARP
17014	Deed (Root 2)	10 04 1915	John McCauley	Julius SANDUSKY

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project # 20190207004
Address: 131 Eglinton Avenue East, Mississauga
Legal Description: Part Lot 1, Con 1 EHS as in RO1065115 except Pt 1, 43R24516

PIN# 13289-0398 (LT)

Searched at: Brampton
LRO #: 43

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
20965	Deed (Root 1)	25 03 1921	Ann Sharp	George HUGHES
46081	Deed (Root 2)	06 09 1945	Julius Sandusky	Karl J. SANDUSKY & Robert Richard SANDUSKY
46759	Deed	11 01 1946	George Hughes	Karl J. SANDUSKY
46964	Deed	23 02 1946	Karl J. Sandusky	Karl J. SANDUSKY & Robert Richard SANDUSKY
51472	Deed (Roots 1 & 2)	04 12 1947	Karl J. Sandusky & Robert Richard Sandusky	Karl J. SANDUSKY
54316	Deed	10 12 1948	Karl J. Sandusky	Ernest B. WESTWOOD
133356	Deed	01 12 1960	Ernest B. Westwood	Rudolph BOETTCHER
442519	Deed	12 08 1977	Rudolph Boettcher	Francesco PINIZZOTTO

Cont'd on Page 4

CHAIN OF TITLE REPORT

Project # 20190207004
Address: 131 Eglinton Avenue East, Mississauga
Legal Description: Part Lot 1, Con 1 EHS as in RO1065115 except Pt 1, 43R24516

Searched at: Brampton
LRO #: 43

PIN# 13289-0398 (LT)

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
RO1065115	Deed	13 05 1994	Francesco Pinizzotto	Francesco PINIZZOTTO & Francesca PINIZZOTTO
PR923146	Deed	08 09 2005	Francesco Pinizzotto & Francesca Pinizzotto	Luigi MICELI & Teresa MICELI
PR1580367	Deed **(Present Owner)**	08 12 2008	Luigi Miceli & Teresa Miceli	**2190777 Ontario Inc.**

PROPERTY DESCRIPTION: PT LOT 1, CON 1 EHS, AS IN RO1065115, SAVE AND EXCEPT PT LOT 1, CON 1 EHS DES PT 1, 43R24516; MISSISSAUGA.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:
DIVISION FROM 13289-0335

PIN CREATION DATE:
2001/01/11

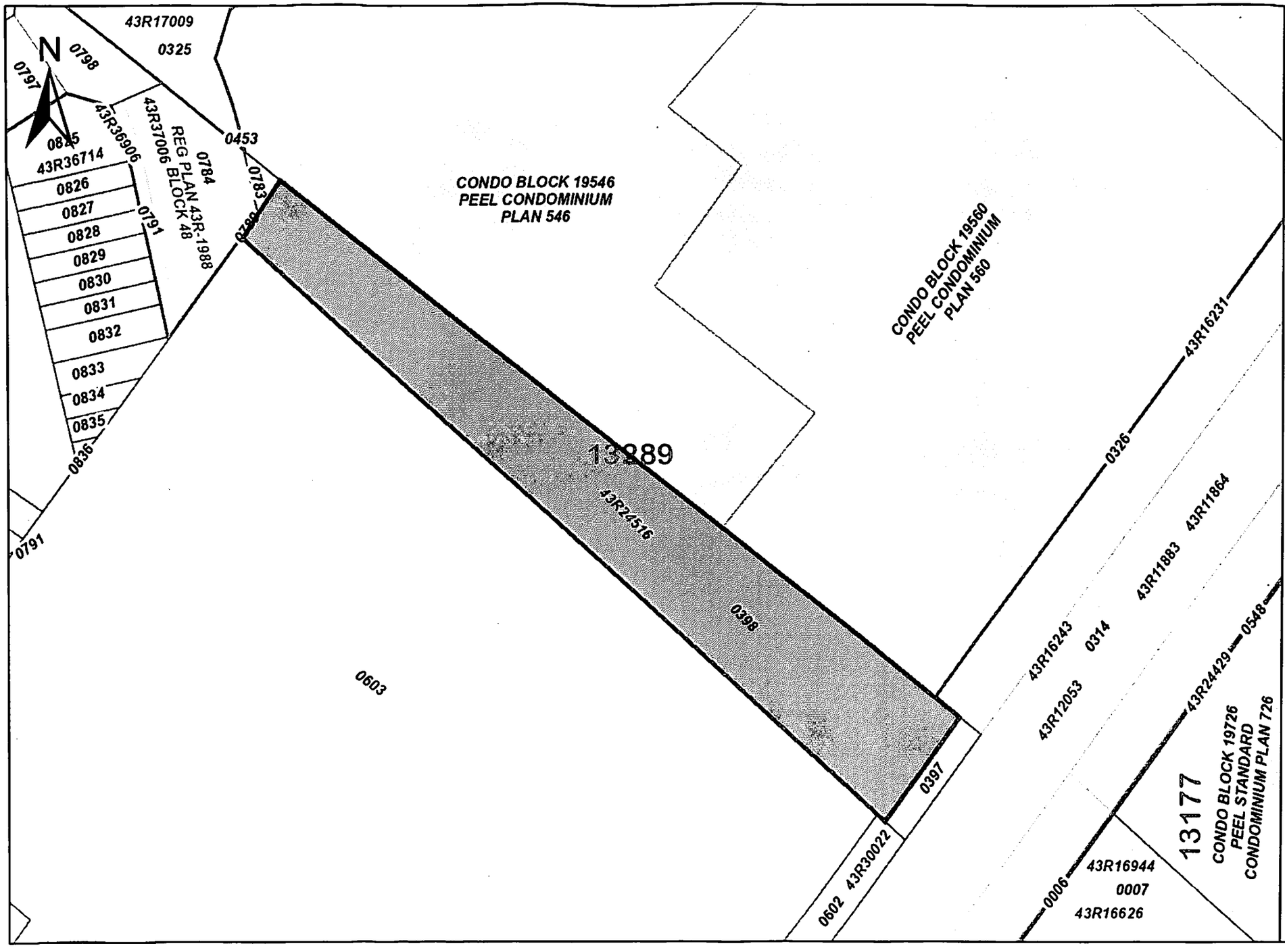
OWNERS' NAMES
2190777 ONTARIO INC.

CAPACITY SHARE
ROWN

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2001/01/10 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1996/09/10 **						
RO1065115	1994/05/13	TRANSFER		*** COMPLETELY DELETED ***	PINIZZOTTO, FRANCESCO PINIZZOTTO, FRANCESCA	
LT2057426	2000/03/27	NOTICE		HER MAJESTY THE QUEEN IN RIGHT OF THE DEPARTMENT OF TRANSPORT CANADA		C
REMARKS: PEARSON AIRPORT ZONING REGULATION						
43R24516	2000/07/12	PLAN REFERENCE				C
PR923146	2005/09/08	TRANSFER		*** COMPLETELY DELETED *** PINIZZOTTO, FRANCESCA PINIZZOTTO, FRANCESCO	MICELI, LUIGI MICELI, TERESA	
REMARKS: PLANNING ACT STATEMENTS						
PR923166	2005/09/08	CHARGE		*** COMPLETELY DELETED *** MICELI, LUIGI MICELI, TERESA	PINIZZOTTO, FRANCESCO PINIZZOTTO, FRANCESCA	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
PR1405789	2008/01/24	CHARGE		*** COMPLETELY DELETED *** MICELI, LUIGI MICELI, TERESA	1090453 ONTARIO LIMITED	
PR1556502	2008/10/24	LR'S ORDER		LAND REGISTRAR, LRO 43	LAND REGISTRAR, LRO 43	C
	REMARKS: AMENDS DESCRIPTION BY DELETING REFERENCE TO S/T EASEMENT AS IN PR540488.					
PR1580367	2008/12/08	TRANSFER	$1,100,000	MICELI, LUIGI MICELI, TERESA	2190777 ONTARIO INC.	C
	REMARKS: PLANNING ACT STATEMENTS					
PR1580368	2008/12/08	DISCH OF CHARGE		*** COMPLETELY DELETED *** 1090453 ONTARIO LIMITED		
	REMARKS: RE: PR1405789					
PR2321368	2013/01/16	CHARGE		*** COMPLETELY DELETED *** 2190777 ONTARIO INC.	VIRDI, HARJIT SINGH	
PR2350293	2013/04/02	CHARGE	$760,000	2190777 ONTARIO INC.	TORCHIA, ADELE	C
PR3273605	2018/01/22	DISCH OF CHARGE		*** COMPLETELY DELETED *** VIRDI, HARJIT SINGH		
	REMARKS: PR2321368.					
PR3443904	2019/02/08	APL OF SURV-CHRG		*** COMPLETELY DELETED *** PINIZZOTTO, FRANCESCO	PINIZZOTTO, FRANCESCA	
	REMARKS: PR923166.					
PR3443919	2019/02/08	DISCH OF CHARGE		*** COMPLETELY DELETED *** PINIZZOTTO, FRANCESCA		
	REMARKS: PR923166.					



ServiceOntario

PRINTED ON 12 FEB, 2019 AT 09:37:55
FOR BERTUCCI1

SCALE

0 30 meters

PROPERTY INDEX MAP

PEEL(No. 43)

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 E

EcoLog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Phase One ESA* *131 Eglinton Avenue East* *Mississauga ON L4Z 1B2*
Project No:	*230989*
Report Type:	*RSC Report (Urban)*
Order No:	*20190110198*
Requested by:	*Pinchin Ltd.*
Date Completed:	*January 16, 2019*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase One ESA* *131 Eglinton Avenue East Mississauga ON L4Z 1B2*
Project No:	*230989*

Order Information:

Order No:	*20190110198*
Date Requested:	*January 10, 2019*
Requested by:	*Pinchin Ltd.*
Report Type:	*RSC Report (Urban)*

Historical/Products:

Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Topographic Map	*Ontario Base Map (OBM)*

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
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	4	4
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	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
DRYCLEANERS	Dry Cleaning Facilities	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	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	8	8
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired 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
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	12	12
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	2	2
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
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
NEBW	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
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	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	1	4	5
PINC	TSSA Pipeline Incidents	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	2	2
SPL	Ontario Spills	Y	0	4	4
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	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	3	3
	Total:		1	41	42

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	PES	FRANK'S GARDEN CENTRE	131 EGLINTON AVE E MISSISSAUGA ON L4Z 1B2	-/0.0	0.00	20

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		Mississauga ON ***Well ID:*** 7222069	ESE/37.7	-1.01	20
3	CA	DELL HOLDING LTD. MARKETPLACE	SORRENTO DR. & EGLINTON AVE. E MISSISSAUGA CITY ON	S/78.6	0.70	22
3	CA	DELL HOLDING LTD. MARKETPLACE	SORRENTO DR. & EGLINTON AVE.E MISSISSAUGA CITY ON	S/78.6	0.70	23
4	WWIS		lot 15 con 2 ON ***Well ID:*** 4902235	SE/86.7	0.00	23
5	RSC		175 Forum Drive Mississauga ON L4Z 4E5	NNW/88.3	-1.14	25
6	GEN	ThyssenKrupp Elevator (Canada) Limited	155 Forum Drive Mississauga ON L4Z 3M9	N/125.4	-2.31	26
7	EHS		91 Eglinton Avenue East Mississauga ON	WSW/149.3	2.00	26
7	EHS		91 Eglinton Avenue East Mississauga ON	WSW/149.3	2.00	26
7	EHS		91 Eglinton Avenue East Mississauga ON	WSW/149.3	2.00	26
8	SPL		224 Forum Drive Mississauga ON	NNE/172.0	-4.57	27
9	CA	Blue Power Distributed Energy Corp.	220 Forum Dr Mississauga ON L4Z 4K1	NE/180.9	-4.93	27
9	ECA	Blue Power Distributed Energy Corp.	220 Forum Dr Mississauga ON L4L 9N6	NE/180.9	-4.93	27

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	SCT	Informtech Canada	211 Forum Dr Suite 207B Mississauga ON L4Z 4C1	NNE/195.5	-4.83	28
11	EHS		5055 Hurontario Street Mississauga ON	SW/197.4	2.00	28
11	EHS		5055 Hurontario Street Mississauga ON	SW/197.4	2.00	28
11	EHS		5055 Hurontario Street Mississauga ON	SW/197.4	2.00	29
12	EHS		91 Eglinton Ave E Mississauga ON L4Z1B2	SW/203.1	1.07	29
13	EHS		4559 Hurontario Street Mississauga ON L4Z 3L9	SSE/226.7	0.00	29
13	SPL		4559 Hurontario St Mississauga ON	SSE/226.7	0.00	29
14	SPL	Enbridge Gas Distribution Inc.	165 Trudeau Ave Mississauga ON	ESE/228.7	-2.98	30
15	WWIS		lot 1 con 1 MISSISSAUGA ON ***Well ID:*** 7232886	WSW/236.3	3.00	30
16	SPL	STAR VAN SYSTEMS	IN CREEK ON FORUM DRIVE AND EGLINTON, FLOWING TO BURNHAMTHORPE TRANSPORT TRUCK (CARGO) MISSISSAUGA CITY ON	ENE/236.4	-6.27	32
17	INC		235 FORUM DRIVE, UNIT 40, MISSISSAUGA ON L4Z 3S2	NE/237.1	-6.89	33
18	GEN	Haunsla Pharmacy Ltd.	5033 HURONTARIO ST Mississauga ON L4Z 3X7	SSW/263.7	0.00	34

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
18	GEN	Haunsla Pharmacy Ltd.	5033 HURONTARIO ST Mississauga ON L4Z 3X7	SSW/263.7	0.00	34
18	GEN	Haunsla Pharmacy Ltd.	5033 HURONTARIO ST Mississauga ON L4Z 3X7	SSW/263.7	0.00	35
18	PES	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	SSW/263.7	0.00	35
18	PES	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	SSW/263.7	0.00	35
18	PES	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z3X7	SSW/263.7	0.00	35
18	PES	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	SSW/263.7	0.00	36
19	CA	HURONTARIO CENTRE LIMITED	SWM-5035 HURONTARIO ST. MISSISSAUGA CITY ON L4Z 3X7	SW/274.3	1.07	36
19	GEN	Hurontario Medical Centre	5035 Hurontario Mississauga ON L4Z 3X7	SW/274.3	1.07	36
19	GEN	Chris Gigeris Dental Office	5035 Hurontario St Unit 10 Mississauga ON L4Z3X7	SW/274.3	1.07	37
19	GEN	COLOR YOUR WORLD	5035 HURONTARIO STREET UNIT 11 MISSISSAUGA ON L4Z 3X7	SW/274.3	1.07	37
19	GEN	Hurontario Medical Centre	5035 Hurontario Mississauga ON	SW/274.3	1.07	37
19	GEN	COLOR YOUR WORLD	5035 HURONTARIO STREET, UNIT 11 MISSISSAUGA ON L4Z 3X7	SW/274.3	1.07	38
19	GEN	Hurontario Medical Centre	5035 Hurontario Mississauga ON L4Z 3X7	SW/274.3	1.07	38

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
19	GEN	Hurontario Medical Centre	5035 Hurontario Mississauga ON L4Z 3X7	SW/274.3	1.07	38
19	GEN	Chris Gigeris Dental Office	5035 Hurontario St Unit 10 Mississauga ON L4Z3X7	SW/274.3	1.07	38
19	SCT	Durafilter Canada Inc.	5035 Hurontario St Mississauga ON L4Z 3X7	SW/274.3	1.07	39
20	INC		4916 JAMES AUSTIN DR, MISSISSAUGA ON	SE/299.8	-0.70	39

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 4 CA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
DELL HOLDING LTD. MARKETPLACE	SORRENTO DR. & EGLINTON AVE. E MISSISSAUGA CITY ON	78.6	3
DELL HOLDING LTD. MARKETPLACE	SORRENTO DR. & EGLINTON AVE.E MISSISSAUGA CITY ON	78.6	3
Blue Power Distributed Energy Corp.	220 Forum Dr Mississauga ON L4Z 4K1	180.9	9
HURONTARIO CENTRE LIMITED	SWM-5035 HURONTARIO ST. MISSISSAUGA CITY ON L4Z 3X7	274.3	19

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Nov 30, 2018 has found that there are 1 ECA site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Blue Power Distributed Energy Corp.	220 Forum Dr Mississauga ON L4L 9N6	180.9	9

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2018 has found that there are 8 EHS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	91 Eglinton Avenue East Mississauga ON	149.3	7

Site	Address	Distance (m)	Map Key
	91 Eglinton Avenue East Mississauga ON	149.3	7
	91 Eglinton Avenue East Mississauga ON	149.3	7
	5055 Hurontario Street Mississauga ON	197.4	11
	5055 Hurontario Street Mississauga ON	197.4	11
	5055 Hurontario Street Mississauga ON	197.4	11
	91 Eglinton Ave E Mississauga ON L4Z1B2	203.1	12
	4559 Hurontario Street Mississauga ON L4Z 3L9	226.7	13

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-June 30, 2018 has found that there are 12 GEN site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ThyssenKrupp Elevator (Canada) Limited	155 Forum Drive Mississauga ON L4Z 3M9	125.4	6
Haunsla Pharmacy Ltd.	5033 HURONTARIO ST Mississauga ON L4Z 3X7	263.7	18

Site	Address	Distance (m)	Map Key
Haunsla Pharmacy Ltd.	5033 HURONTARIO ST Mississauga ON L4Z 3X7	263.7	18
Haunsla Pharmacy Ltd.	5033 HURONTARIO ST Mississauga ON L4Z 3X7	263.7	18
Hurontario Medical Centre	5035 Hurontario Mississauga ON L4Z 3X7	274.3	19
Chris Gigeris Dental Office	5035 Hurontario St Unit 10 Mississauga ON L4Z3X7	274.3	19
Hurontario Medical Centre	5035 Hurontario Mississauga ON L4Z 3X7	274.3	19
Chris Gigeris Dental Office	5035 Hurontario St Unit 10 Mississauga ON L4Z3X7	274.3	19
Hurontario Medical Centre	5035 Hurontario Mississauga ON	274.3	19
COLOR YOUR WORLD	5035 HURONTARIO STREET UNIT 11 MISSISSAUGA ON L4Z 3X7	274.3	19
Hurontario Medical Centre	5035 Hurontario Mississauga ON L4Z 3X7	274.3	19
COLOR YOUR WORLD	5035 HURONTARIO STREET, UNIT 11 MISSISSAUGA ON L4Z 3X7	274.3	19

INC - TSSA Incidents

A search of the INC database, dated Feb 28, 2017 has found that there are 2 INC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	235 FORUM DRIVE, UNIT 40, MISSISSAUGA ON L4Z 3S2	237.1	17
	4916 JAMES AUSTIN DR, MISSISSAUGA ON	299.8	20

PES - Pesticide Register

A search of the PES database, dated 1988-Mar 2018 has found that there are 5 PES site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
FRANK'S GARDEN CENTRE	131 EGLINTON AVE E MISSISSAUGA ON L4Z 1B2	0.0	1
SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z3X7	263.7	18
SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	263.7	18
SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	263.7	18
SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10)	5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	263.7	18

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Sep 2018 has found that there are 1 RSC site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	175 Forum Drive Mississauga ON L4Z 4E5	88.3	5

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 2 SCT site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Informtech Canada	211 Forum Dr Suite 207B Mississauga ON L4Z 4C1	195.5	10
Durafilter Canada Inc.	5035 Hurontario St Mississauga ON L4Z 3X7	274.3	19

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2018 has found that there are 4 SPL site(s) within approximately 0.30 kilometers of the project property.

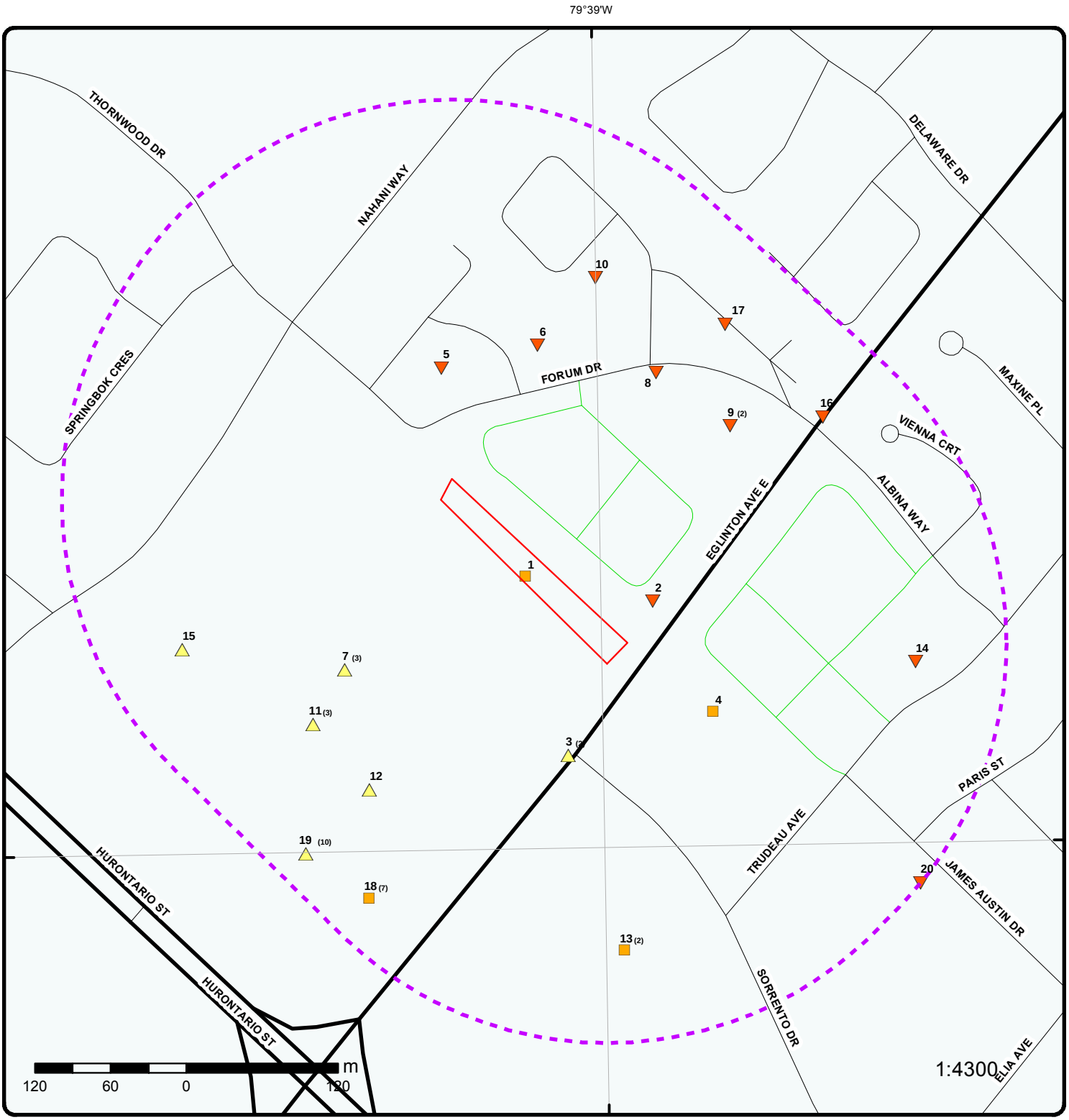
Site	Address	Distance (m)	Map Key
	224 Forum Drive Mississauga ON	172.0	8
	4559 Hurontario St Mississauga ON	226.7	13
Enbridge Gas Distribution Inc.	165 Trudeau Ave Mississauga ON	228.7	14
STAR VAN SYSTEMS	IN CREEK ON FORUM DRIVE AND EGLINTON, FLOWING TO BURNHAMTHORPE TRANSPORT TRUCK (CARGO) MISSISSAUGA CITY ON	236.4	16

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 3 WWIS site(s) within approximately 0.30 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	Mississauga ON	37.7	2

Site	Address	Distance (m)	Map Key
	Well ID: 7222069		
	lot 15 con 2 ON	86.7	4
	Well ID: 4902235		
	lot 1 con 1 MISSISSAUGA ON	236.3	15
	Well ID: 7232886		



Map : 0.3 Kilometer Radius

Order No: 20190110198

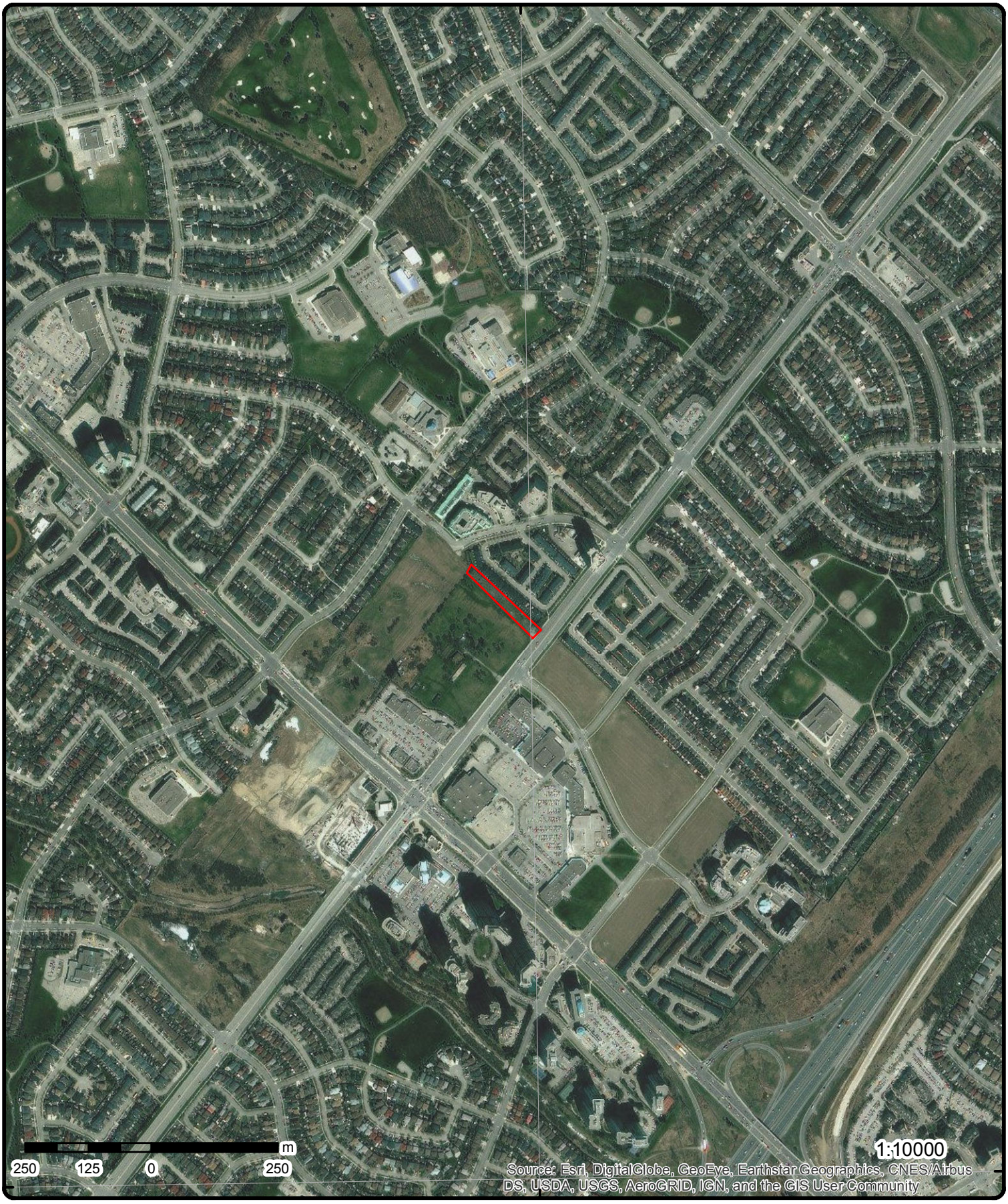
Address: 131 Eglinton Avenue East, Mississauga, ON, L4Z 1B2

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

79°39'W



43°36'N

43°36'N

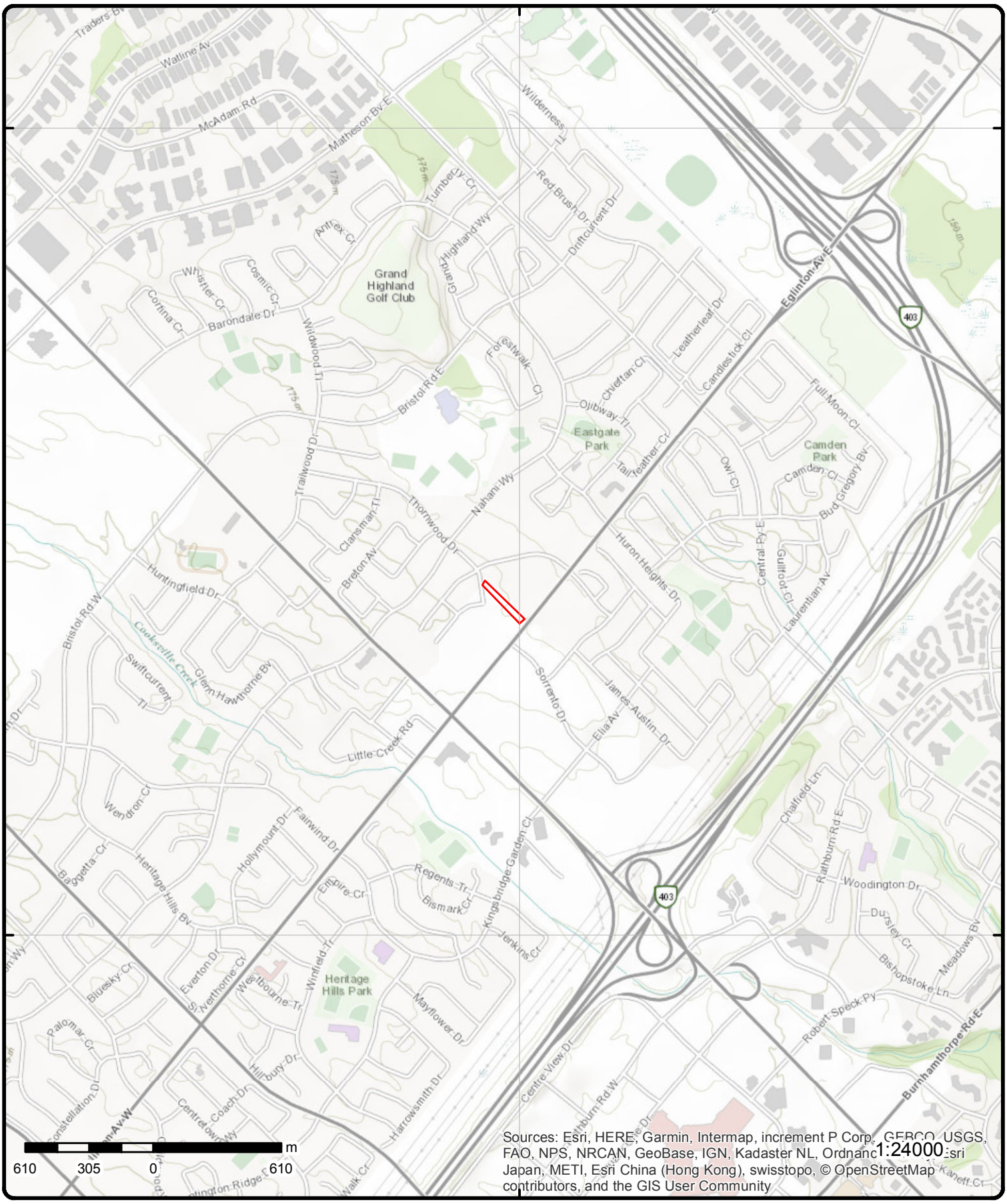
Aerial (2013)

Order No: 20190110198

Address: 131 Eglinton Avenue East, Mississauga, ON, L4Z 1B2

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 131 Eglinton Avenue East, Mississauga, ON, L4Z 1B2

Source: ESRI World Topographic Map

Order No: 20190110198

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	-/0.0	169.8 / 0.00	FRANK'S GARDEN CENTRE 131 EGLINTON AVE E MISSISSAUGA ON L4Z 1B2	PES

Licence No:	10205	**Operator Box:**	
Detail Licence No:	23-01-10205-0	**Operator Class:**	
Licence Type Code:	23	**Operator No:**	
Licence Type:	Limited Vendor	**Operator Type:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:	0	**Oper Concession:**	
Trade Name:		**Operator Region:**	3
Post Office Box:		**Operator District:**	
Lot:		**Operator County:**	49
Concession:		**Oper Phone Area Cd:**	
Region:		**Ext:**	
District:		**Oper Phone No:**	
County:		**Proponent Ext:**	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	ESE/37.7	168.8 / -1.01	Mississauga ON	WWIS

Well ID:	7222069	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/16/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7201
Casing Material:		**Form Version:**	7
Audit No:	Z187544	**Owner:**	
Tag:	A164206	**Street Name:**	137 361 EGLINGTON AVE E
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	MISSISSAUGA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004841006	**Elevation:**	168.59
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	608979
Code OB Desc:		**Org CS:**	UTM83
Open Hole:		**North83:**	4829453
Cluster Kind:		**UTMRC:**	4
Date Completed:	27-MAY-14	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

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

Overburden and Bedrock Materials Interval

Formation ID:	1005209418
Layer:	1
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	81
Other Materials:	SANDY
Formation Top Depth:	0
Formation End Depth:	12.417
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005209419
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	12.417
Formation End Depth:	35
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005209427
Layer:	1
Plug From:	0
Plug To:	24
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1005209426
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	1005209417
Casing No:	0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1005209423
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	25
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005209424
Layer:	1
Slot:	
Screen Top Depth:	25
Screen End Depth:	35
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.25

Water Details

Water ID:	1005209422
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005209421
Diameter:	5.5
Depth From:	13
Depth To:	35
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Hole Diameter

Hole ID:	1005209420
Diameter:	8.125
Depth From:	0
Depth To:	13
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	*1 of 2*	*S/78.6*	*170.6 / 0.70*	***DELL HOLDING LTD. MARKETPLACE SORRENTO DR. & EGLINTON AVE. E MISSISSAUGA CITY ON***	*CA*

Certificate #:	3-1018-89-
Application Year:	89
Issue Date:	6/7/1989

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

Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

---

3 | ***2 of 2*** | ***S/78.6*** | ***170.6 / 0.70*** | ***DELL HOLDING LTD. MARKETPLACE SORRENTO DR. & EGLINTON AVE.E MISSISSAUGA CITY ON*** | ***CA***

Certificate #: 7-0859-89-
Application Year: 89
Issue Date: 6/7/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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4 | ***1 of 1*** | ***SE/86.7*** | ***169.8 / 0.00*** | ***lot 15 con 2 ON*** | ***WWIS***

Well ID: 4902235
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/29/1950
Selected Flag: Yes
Abandonment Rec:
Contractor: 1612
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: MISSISSAUGA CITY
Site Info:
Lot: 015
Concession: 02
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10317078
DP2BR: 18
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:

Elevation: 170.1
Elevrc:
Zone: 17
East83: 609026.6
Org CS:
North83: 4829366

Cluster Kind:
Date Completed: 20-DEC-49
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 932037156
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 18
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932037157
Layer: 2
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 98
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964902235
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10865648
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930524053

Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	98
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930524052
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994902235
Pump Set At:	
Static Level:	18
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	1
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:	30
Flowing:	N

Water Details

Water ID:	933790242
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
5	1 of 1	NNW/88.3	168.7 / -1.14	175 Forum Drive Mississauga ON L4Z 4E5	RSC

Reg No:		**Cert Date:**	
RA No:		**Cert Prop Use No:**	
RSC Type:		**Intended Prop Use:**	
Curr Property Use:		**Nm of Qual. Person:**	
District Office:	Halton Peel	**Stratified (Y/N):**	N
Date Submitted:	01/04/01	**Audit (Y/N):**	
Date Ack:	01/05/01	**Entire Leg Prop. (Y/N):**	
Date Returned:		**Accuracy Estimate:**	
Restoration Type:	Generic	**Telephone:**	
Soil Type:	Medium/fine	**Fax:**	

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

Criteria: Res/parkland + Nonpotable
CPU Issued Sect 1686:
Asmt Roll No:
Prop. ID No:
Property Municipal Address:
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant: McClymont & Rak Engineeers
Filing Owner:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF:
Email:

6	1 of 1	N/125.4	167.5 / -2.31	ThyssenKrupp Elevator (Canada) Limited 155 Forum Drive Mississauga ON L4Z 3M9	GEN

Generator No.: ON9053151
Status:
Approval Years: 06
Contam. Facility:
MHSW Facility:
SIC Code: 211113
SIC Description: Conventional Oil and Gas Extraction

--Details--
Waste Code: 251
Waste Description: OIL SKIMMINGS & SLUDGES

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

7	1 of 3	WSW/149.3	171.8 / 2.00	91 Eglinton Avenue East Mississauga ON	EHS

Order No: 20170713012
Status: C
Report Type: Custom Report
Report Date: 18-JUL-17
Date Received: 13-JUL-17
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: -79.652571
Y: 43.609631

7	2 of 3	WSW/149.3	171.8 / 2.00	91 Eglinton Avenue East Mississauga ON	EHS

Order No: 20170713012
Status: C
Report Type: Custom Report
Report Date: 18-JUL-17
Date Received: 13-JUL-17
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: -79.652571
Y: 43.609631

7	3 of 3	WSW/149.3	171.8 / 2.00	91 Eglinton Avenue East Mississauga ON	EHS

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

Order No: 20170713012
Status: C
Report Type: Custom Report
Report Date: 18-JUL-17
Date Received: 13-JUL-17
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: -79.652571
Y: 43.609631

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8 | **1 of 1** | **NNE/172.0** | **165.3 / -4.57** | **224 Forum Drive Mississauga ON** | **SPL**

Ref No: 5637-8ANK4E
Site No:
Incident Dt:
Year:
Incident Cause: Pipe Or Hose Leak
Incident Event:
Contaminant Code: 38

Contaminant Name: REFRIGERANT GAS, N.O.S.
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Contaminant Qty: 104.5 kg
Environment Impact: Not Anticipated
Nature of Impact: Air Pollution; Other Impact(s)
Receiving Medium:
Receiving Env:
Health/Env Conseq:
MOE Response: No Field Response
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/28/2010
Dt Document Closed: 11/19/2010
Agency Involved:
SAC Action Class: Air Spills - Gases and Vapours
Incident Reason: Unknown - Reason not determined
Incident Summary: Condo Corp PSC843: 104kg R22 to atm

Discharger Report:
Material Group:
Client Type:
Sector Type: Other
Source Type:
Nearest Watercourse:
Site Name: Condominium Corporation# PSC843<UNOFFICIAL>
Site Address:
Site District Office:
Site County/District:
Site Postal Code:
Site Region:
Site Municipality:
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Geo Ref Meth:
Site Map Datum:

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9 | **1 of 2** | **NE/180.9** | **164.9 / -4.93** | **Blue Power Distributed Energy Corp. 220 Forum Dr Mississauga ON L4Z 4K1** | **CA**

Certificate #: 5544-82CRXE
Application Year: 2010
Issue Date: 2/12/2010
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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9 | **2 of 2** | **NE/180.9** | **164.9 / -4.93** | **Blue Power Distributed Energy Corp. 220 Forum Dr** | **ECA**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Mississauga ON L4L 9N6	

Approval No: 5544-82CRXE
Approval Date: 2010-02-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Credit Valley
Approval Type: ECA-AIR
Project Type: AIR
Address: 220 Forum Dr
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0473-7M8PAQ-14.pdf

MOE District: Halton-Peel
City: Mississauga
Longitude: -79.649086
Latitude: 43.6112479999999
Geometry X:
Geometry Y:

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10 | **1 of 1** | **NNE/195.5** | **165.0 / -4.83** | **Informtech Canada**
211 Forum Dr Suite 207B
Mississauga ON L4Z 4C1 | **SCT**

Established: 2002
Plant Size (ft²): 600
Employment: 3

--Details--
Description: Software Publishers
SIC/NAICS Code: 511210

Description: Data Processing, Hosting, and Related Services
SIC/NAICS Code: 518210

Description: Architectural Services
SIC/NAICS Code: 541310

Description: Drafting Services
SIC/NAICS Code: 541340

Description: Surveying and Mapping (except Geophysical) Services
SIC/NAICS Code: 541370

Description: Computer Systems Design and Related Services
SIC/NAICS Code: 541510

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11 | **1 of 3** | **SW/197.4** | **171.8 / 2.00** | **5055 Hurontario Street**
Mississauga ON | **EHS**

Order No: 20180118010
Status: C
Report Type: Standard Report
Report Date: 23-JAN-18
Date Received: 18-JAN-18
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: -79.652886
Y: 43.609246

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11 | **2 of 3** | **SW/197.4** | **171.8 / 2.00** | **5055 Hurontario Street**
Mississauga ON | **EHS**

Order No: 20180118010
Status: C
Report Type: Standard Report

Nearest Intersection:
Municipality:
Client Prov/State: ON

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

Report Date:	23-JAN-18	**Search Radius (km):**	.25
Date Received:	18-JAN-18	**X:**	-79.652886
Previous Site Name:		**Y:**	43.609246
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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11 | **3 of 3** | **SW/197.4** | **171.8 / 2.00** | **5055 Hurontario Street Mississauga ON** | **EHS**

Order No:	20180118010	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	23-JAN-18	**Search Radius (km):**	.25
Date Received:	18-JAN-18	**X:**	-79.652886
Previous Site Name:		**Y:**	43.609246
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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12 | **1 of 1** | **SW/203.1** | **170.9 / 1.07** | **91 Eglinton Ave E Mississauga ON L4Z1B2** | **EHS**

Order No:	20131115044	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	26-NOV-13	**Search Radius (km):**	.25
Date Received:	15-NOV-13	**X:**	-79.652344
Previous Site Name:		**Y:**	43.60877
Lot/Building Size:			
Additional Info Ordered:			

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13 | **1 of 2** | **SSE/226.7** | **169.8 / 0.00** | **4559 Hurontario Street Mississauga ON L4Z 3L9** | **EHS**

Order No:	20050919025	**Nearest Intersection:**	Hurontario St. and Eglinton Ave W
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	9/23/2005	**Search Radius (km):**	0.35
Date Received:	9/19/2005	**X:**	
Previous Site Name:		**Y:**	
Lot/Building Size:			
Additional Info Ordered:			

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13 | **2 of 2** | **SSE/226.7** | **169.8 / 0.00** | **4559 Hurontario St Mississauga ON** | **SPL**

Ref No:	2485-ALBS7P	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	4/11/2017	**Client Type:**	
Year:		**Sector Type:**	Miscellaneous Communal
Incident Cause:		**Source Type:**	Water Supply
Incident Event:	Leak/Break	**Nearest Watercourse:**	
Contaminant Code:	41	**Site Name:**	watermain break site <UNOFFICIAL>
Contaminant Name:	WATER/SEDIMENT	**Site Address:**	4559 Hurontario St
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site County/District:**	Regional Municipality of Peel
Contaminant UN No 1:	n/a	**Site Postal Code:**	
Contaminant Qty:	0 other - see incident description	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Mississauga
Nature of Impact:		**Site Lot:**	

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

Receiving Medium:		**Site Conc:**	
Receiving Env:	Land; Surface Water	**Northing:**	4829749
Health/Env Conseq:	2 - Minor Environment	**Easting:**	609590
MOE Response:		**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Meth:**	
MOE Reported Dt:	4/11/2017	**Site Map Datum:**	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	Equipment Failure		
Incident Summary:	R of Peel: water main break, sediment to Cooksville Creek		

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14 | **1 of 1** | **ESE/228.7** | **166.9 / -2.98** | **Enbridge Gas Distribution Inc.**
165 Trudeau Ave
Mississauga ON | **SPL**

Ref No:	3887-AZSQ8J	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2018/06/16	**Client Type:**	Corporation
Year:		**Sector Type:**	Miscellaneous Industrial
Incident Cause:		**Source Type:**	Valve/Fitting/Piping
Incident Event:	Leak/Break	**Nearest Watercourse:**	
Contaminant Code:	35	**Site Name:**	Site of line strike<UNOFFICIAL>
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	165 Trudeau Ave
Contaminant Limit 1:		**Site District Office:**	Halton-Peel
Contam Limit Freq 1:		**Site County/District:**	Regional Municipality of Peel
Contaminant UN No 1:	1075	**Site Postal Code:**	
Contaminant Qty:	0 other - see incident description	**Site Region:**	Central
Environment Impact:		**Site Municipality:**	Mississauga
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	4829355.64
Health/Env Conseq:	2 - Minor Environment	**Easting:**	609156.73
MOE Response:	No	**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Meth:**	
MOE Reported Dt:	2018/06/16	**Site Map Datum:**	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill		
Incident Reason:	Operator/Human Error		
Incident Summary:	TSSA FSB; ½" pl, IP service dmgd; made safe		

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15 | **1 of 1** | **WSW/236.3** | **172.9 / 3.00** | **lot 1 con 1**
MISSISSAUGA ON | **WWIS**

Well ID:	7232886	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/2/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7147
Casing Material:		**Form Version:**	7
Audit No:	Z192008	**Owner:**	
Tag:		**Street Name:**	5081 HURONTARIO ST.
Construction Method:		**County:**	PEEL
Elevation (m):		**Municipality:**	MISSISSAUGA CITY
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	01
Overburden/Bedrock:		**Concession Name:**	HS E
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1005247974	***Elevation:***	174
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	608607
Code OB Desc:		***Org CS:***	UTM83
Open Hole:		***North83:***	4829415
Cluster Kind:		***UTMRC:***	4
Date Completed:	14-NOV-14	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1005366842
Layer:	1
Plug From:	0
Plug To:	2
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005366844
Layer:	3
Plug From:	2.6
Plug To:	3.4
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005366845
Layer:	4
Plug From:	3.4
Plug To:	4
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005366843
Layer:	2
Plug From:	2
Plug To:	2.6
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1005366841
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005366835
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005366839
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: 0
Depth To: 4
Casing Diameter: 90
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005366840
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1005366838
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: .9
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005366837
Diameter:
Depth From: 0
Depth To: 4
Hole Depth UOM: m
Hole Diameter UOM: cm

16	*1 of 1*	*ENE/236.4*	*163.6 / -6.27*	***STAR VAN SYSTEMS*** ***IN CREEK ON FORUM DRIVE AND EGLINTON,*** ***FLOWING TO BURNHAMTHORPE TRANSPORT*** ***TRUCK (CARGO)*** ***MISSISSAUGA CITY ON***	***SPL***

Ref No: 132174 ***Discharger Report:***

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

Site No:		**Material Group:**	
Incident Dt:	9/21/1996	**Client Type:**	
Year:		**Sector Type:**	
Incident Cause:	VALVE/FITTING LEAK OR FAILURE	**Source Type:**	
Incident Event:		**Nearest Watercourse:**	
Contaminant Code:		**Site Name:**	
Contaminant Name:		**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site County/District:**	
Contaminant UN No 1:		**Site Postal Code:**	
Contaminant Qty:		**Site Region:**	
Environment Impact:	POSSIBLE	**Site Municipality:**	21102
Nature of Impact:	Multi Media Pollution	**Site Lot:**	
Receiving Medium:	WATER	**Site Conc:**	
Receiving Env:		**Northing:**	
Health/Env Conseq:		**Easting:**	MISSISSAUGA WORKS,PEEL WORKS
MOE Response:		**Site Geo Ref Accu:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Meth:**	
MOE Reported Dt:	9/21/1996	**Site Map Datum:**	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	DAMAGE BY MOVING EQUIPMENT		
Incident Summary:	STAR VAN SYSTEMS:UNKNOWN QUANTITY OF DIESEL TO SHOULDER, DITCH,CREEK.		

17	1 of 1	NE/237.1	163.0 / -6.89	235 FORUM DRIVE, UNIT 40, MISSISSAUGA ON L4Z 3S2	INC

Incident No:	424590
Incident ID:	2576322
Attribute Category:	FS-Incident
Status Code:	Causal Analysis Complete
Incident Location:	235 FORUM DRIVE, UNIT 40, MISSISSAUGA - 2" PIPELINE HIT
Drainage System:	
Sub Surface Contam.:	
Aff. Prop. Use Water:	
Contam. Migrated:	
Contact Natural Env.:	
Near Body of Water:	
Approx. Quant. Rel.:	
Equipment Model:	
Serial No:	
Residential App. Type:	
Commercial App. Type:	
Industrial App. Type:	
Institutional App. Type:	
Venting Type:	
Vent Connector Mater:	
Vent Chimney Mater:	
Pipeline Type:	Service / Riser Distribution Pipeline
Pipeline Involved:	
Pipe Material:	Plastic
Depth Ground Cover:	
Regulator Location:	Outside
Regulator Type:	Service Regulator (up to 60 psi intake)
Operation Pressure:	IP
Liquid Prop Make:	
Liquid Prop Model:	
Liquid Prop Serial No:	
Equipment Type:	
Cylinder Capacity:	
Cylinder Capac. Units:	
Cylinder Material Type:	
Tank Capacity:	

Fuels Occurence Type:
Fuel Type Involved:
Date of Occurence:
Time of Occurence:
Occur Insp Start Date:
Any Health Impact:
Any Environmental Impact:
Was Service Interrupted:
Was Property Damaged:
Operation Type Involved:
Enforcement Policy:
Prc Escalation Required:
Task No:
Notes:
Occurence Narrative:
Tank Material Type:
Tank Storage Type:
Tank Location Type:
Pump Flow Rate Capac:
Liquid Prop Notes:

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18 ***1 of 7*** ***SSW/263.7*** ***169.8 / 0.00*** ***Haunsla Pharmacy Ltd.*** ***GEN***
5033 HURONTARIO ST
Mississauga ON L4Z 3X7

Generator No.: ON7604024
Status: Registered
Approval Years: As of Jun 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 312 P
Waste Description: Pathological wastes

Waste Code: 261 A
Waste Description: Pharmaceuticals

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18 ***2 of 7*** ***SSW/263.7*** ***169.8 / 0.00*** ***Haunsla Pharmacy Ltd.*** ***GEN***
5033 HURONTARIO ST
Mississauga ON L4Z 3X7

Generator No.: ON7604024
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 446110
SIC Description: 446110

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Nastran Najafi-Fard
Phone No. Admin: 416-493-1220 Ext.3218

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	3 of 7	SSW/263.7	169.8 / 0.00	Haunsla Pharmacy Ltd. 5033 HURONTARIO ST Mississauga ON L4Z 3X7	GEN

Generator No.: ON7604024
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 446110
SIC Description: 446110

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Nastran Najafi-Fard
Phone No. Admin: 416-493-1220 Ext.3218

--Details--
Waste Code: 261
Waste Description: PHARMACEUTICALS

Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	4 of 7	SSW/263.7	169.8 / 0.00	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10) 5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	PES

Licence No:
Detail Licence No:
Licence Type Code:
Licence Type: Vendor
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:
Region:
District:
County:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Oper Phone Area Cd:
Ext:
Oper Phone No:
Proponent Ext:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	5 of 7	SSW/263.7	169.8 / 0.00	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10) 5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	PES

Licence No:
Detail Licence No: 23-01-13260-0
Licence Type Code:
Licence Type: LIMITED
Licence Class:
Licence Control:
Trade Name:
Post Office Box:
Lot:
Concession:
Region:
District:
County:

Operator Box:
Operator Class:
Operator No:
Operator Type:
Operator Lot:
Oper Concession:
Operator Region:
Operator District:
Operator County:
Oper Phone Area Cd:
Ext:
Oper Phone No:
Proponent Ext:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
18	6 of 7	SSW/263.7	169.8 / 0.00	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10) 5033 HURONTARIO ST	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MISSISSAUGA ON L4Z3X7	

Licence No:	13260	Operator Box:	
Detail Licence No:		Operator Class:	
Licence Type Code:	23	Operator No:	
Licence Type:	Active Limited Vendors	Operator Type:	
Licence Class:	01	Operator Lot:	
Licence Control:		Oper Concession:	
Trade Name:		Operator Region:	
Post Office Box:		Operator District:	
Lot:		Operator County:	
Concession:		Oper Phone Area Cd:	905
Region:		Ext:	
District:		Oper Phone No:	8901313
County:		Proponent Ext:	

18	7 of 7	SSW/263.7	169.8 / 0.00	SHOPPERS DRUG MART #1100 (EGLINTON & HWY 10) 5033 HURONTARIO ST MISSISSAUGA ON L4Z 3X7	PES

Licence No:		Operator Box:	
Detail Licence No:		Operator Class:	
Licence Type Code:	23	Operator No:	
Licence Type:	Limited Vendor	Operator Type:	
Licence Class:		Operator Lot:	
Licence Control:		Oper Concession:	
Trade Name:		Operator Region:	
Post Office Box:		Operator District:	
Lot:		Operator County:	
Concession:		Oper Phone Area Cd:	
Region:		Ext:	
District:		Oper Phone No:	
County:		Proponent Ext:	

19	1 of 10	SW/274.3	170.9 / 1.07	HURONTARIO CENTRE LIMITED SWM-5035 HURONTARIO ST. MISSISSAUGA CITY ON L4Z 3X7	CA

Certificate #:	3-1762-97-
Application Year:	97
Issue Date:	12/22/1997
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

19	2 of 10	SW/274.3	170.9 / 1.07	Hurontario Medical Centre 5035 Hurontario Mississauga ON L4Z 3X7	GEN

Generator No.:	ON2850255	PO Box No.:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_ADMIN

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

Contam. Facility: No
MHSW Facility: No
SIC Code: 621494
SIC Description: 621494

Co Admin: Thikra Alsamraei
Phone No. Admin: 905-275-2131 Ext.

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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19 | ***3 of 10*** | ***SW/274.3*** | ***170.9 / 1.07*** | ***GEN***

Chris Gigeris Dental Office
5035 Hurontario St Unit 10
Mississauga ON L4Z3X7

Generator No.: ON8906063
Status: Registered
Approval Years: As of Jun 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 264 L
Waste Description: Photoprocessing wastes

Waste Code: 312 P
Waste Description: Pathological wastes

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19 | ***4 of 10*** | ***SW/274.3*** | ***170.9 / 1.07*** | ***GEN***

COLOR YOUR WORLD
5035 HURONTARIO STREET UNIT 11
MISSISSAUGA ON L4Z 3X7

Generator No.: ON0058804
Status:
Approval Years: 98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 9919
SIC Description: OTHER MACH. RENTAL

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 211
Waste Description: AROMATIC SOLVENTS

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19 | ***5 of 10*** | ***SW/274.3*** | ***170.9 / 1.07*** | ***GEN***

Hurontario Medical Centre
5035 Hurontario
Mississauga ON

Generator No.: ON2850255
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 621494
SIC Description: Community Health Centres

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	6 of 10	SW/274.3	170.9 / 1.07	COLOR YOUR WORLD 5035 HURONTARIO STREET, UNIT 11 MISSISSAUGA ON L4Z 3X7	GEN

Generator No.: ON0058804
Status:
Approval Years: 96,97
Contam. Facility:
MHSW Facility:
SIC Code: 9919
SIC Description: OTHER MACH. RENTAL

PO Box No.:
Country:
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 211
Waste Description: AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	7 of 10	SW/274.3	170.9 / 1.07	Hurontario Medical Centre 5035 Hurontario Mississauga ON L4Z 3X7	GEN

Generator No.: ON2850255
Status: Registered
Approval Years: As of Jun 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No.:
Country: Canada
Choice of Contact:
Co Admin:
Phone No. Admin:

--Details--
Waste Code: 312 P
Waste Description: Pathological wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	8 of 10	SW/274.3	170.9 / 1.07	Hurontario Medical Centre 5035 Hurontario Mississauga ON L4Z 3X7	GEN

Generator No.: ON2850255
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621494
SIC Description: 621494

PO Box No.:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Thikra Alsamraei
Phone No. Admin: 905-275-2131 Ext.

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
19	9 of 10	SW/274.3	170.9 / 1.07	Chris Gigeris Dental Office 5035 Hurontario St Unit 10 Mississauga ON L4Z3X7	GEN

Generator No.: ON8906063
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 621390

PO Box No.:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Janet M Turner
Phone No. Admin: 9055070080 Ext.

SIC Description: OFFICES OF ALL OTHER HEALTH PRACTITIONERS

--Details--
Waste Code: 312
Waste Description: PATHOLOGICAL WASTES

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19 | **10 of 10** | **SW/274.3** | **170.9 / 1.07** | **Durafilter Canada Inc.**
5035 Hurontario St
Mississauga ON L4Z 3X7 | **SCT**

Established: 01-JAN-02
Plant Size (ft²):
Employment:

--Details--
Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

Description: All Other General-Purpose Machinery Manufacturing
SIC/NAICS Code: 333990

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20 | **1 of 1** | **SE/299.8** | **169.2 / -0.70** | **4916 JAMES AUSTIN DR, MISSISSAUGA ON** | **INC**

Incident No: 2018178
Incident ID:
Attribute Category: FS-Perform L1 Incident Insp
Status Code:
Incident Location: 4916 JAMES AUSTIN DR, MISSISSAUGA - CO RELEASE
Drainage System:
Sub Surface Contam.:
Aff. Prop. Use Water:
Contam. Migrated:
Contact Natural Env.:
Near Body of Water:
Approx. Quant. Rel.:
Equipment Model:
Serial No:
Residential App. Type:
Commercial App. Type:
Industrial App. Type:
Institutional App. Type:
Venting Type:
Vent Connector Mater:
Vent Chimney Mater:
Pipeline Type:
Pipeline Involved:
Pipe Material:
Depth Ground Cover:
Regulator Location:
Regulator Type:
Operation Pressure:
Liquid Prop Make:
Liquid Prop Model:
Liquid Prop Serial No:
Equipment Type:
Cylinder Capacity:
Cylinder Capac. Units:
Cylinder Material Type:
Tank Capacity:
Fuels Occurence Type: CO Release

Fuel Type Involved:	Natural Gas
Date of Occurence:	2017/01/30 00:00:00
Time of Occurence:	01:37:00
Occur Insp Start Date:	2017/02/02 00:00:00
Any Health Impact:	No
Any Environmental Impact:	No
Was Service Interrupted:	Yes
Was Property Damaged:	No
Operation Type Involved:	Private Dwelling
Enforcement Policy:	NULL
Prc Escalation Required:	NULL
Task No:	6618064
Notes:	
Occurence Narrative:	4000 ppm and flue of furnace next door
Tank Material Type:	
Tank Storage Type:	
Tank Location Type:	
Pump Flow Rate Capac:	
Liquid Prop Notes:	

Unplottable Summary

Total: 38 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 14 Con 2	Peel ON	
CA	ACTIVE TIRE & AUTO CENTRE INC.	EGLINTON AVE. EAST	MISSISSAUGA CITY ON	
CA	CITY	EGLINTON AVE.E.	MISSISSAUGA ON	
CA	GOLDOME INVESTMENTS LTD.	EGLINTON AVE./STREET 'A'	MISSISSAUGA ON	
CA	GOLDHOME INVESTMENTS LTD.	EGLINTON AVE./STREET 'A'	MISSISSAUGA ON	
CA	GOLDOME INVESTMENTS LTD.	EGLINTON AVE./STREET 'A'	MISSISSAUGA ON	
CA	MASTERGRAIN INVESTMENTS INC. RESID. SUBD	STREET 'A'/EGLINTON AVENUE	MISSISSAUGA CITY ON	
CA	THE ERIN MILLS DEVELOPMENT CORPORATION	EGLINTON AVE.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	EGLINTON AVE.	MISSISSAUGA CITY ON	
CA	GOLDHOME INVESTMENTS LTD.	EGLINTON AVE./STREET 'A'	MISSISSAUGA ON	
CA	KINGSBRIDGE DEVELOPMENTS INC	EGLINTON AVE.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	EGLINTON AVE.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	EGLINTON AVE.	MISSISSAUGA CITY ON	
CA	Schawk Inc.	Part of Lot 1 Conc	Mississauga ON	
CA	PEEL NON-PROFIT HOUSING CORP.	BLOCK 2, PT. LOT 15, CONC. 2	MISSISSAUGA CITY ON	
CA	Mississauga Gateway Centre	Part of Lot 1, Concession 1	Mississauga ON	
CA	V.W. KUCHAR & ASSOC.	FORUM DR./BLKS. 1,3&4, CONC. 1	MISSISSAUGA CITY ON	

	ARCH. LTD.-PT.LOT 1			
CA	LAKEVIEW ESTATES LTD. SANDALWOOD 6	NAHANI WAY	MISSISSAUGA CITY ON	
CA	LAKEVIEW ESTATES LIMITED	NAHANI WAY SANDALWOOD 7	MISSISSAUGA CITY ON	
CA	LAKEVIEW ESTATES LTD. SANDALWOOD 6	NAHANI WAY	MISSISSAUGA CITY ON	
CA	DELL HOLDINGS LIMITED	SORRENTO DR.	MISSISSAUGA CITY ON	
CA	DELL HOLDINGS LIMITED	SORRENTO DR.	MISSISSAUGA CITY ON	
CA	MASTERGRAIN INVESTMENTS INC. RESID. SUBD	STREET 'A'/EGLINTON AVENUE	MISSISSAUGA CITY ON	
CA	UNITED LANDS CORPORATION RESIDENTIAL SUB	THORNWOOD DRIVE	MISSISSAUGA CITY ON	
CA	UNITED LANDS CORPORATION	THORNWOOD DR. UNITED LANDS COR	MISSISSAUGA CITY ON	
CA	V.W. KUCHAR & ASSOC. ARCH. LTD.-PT.LOT 1	FORUM DR./BLKS. 1,3&4, CONC. 1	MISSISSAUGA CITY ON	
CA	The Corporation of the City of Mississauga	Lot 1 and Conc. 1	Mississauga ON	
CONV	Strela Trucking Ltd. and Aco Stegnjaic	Nahani Way	Mississauga ON	
ECA	2001209 Ontario Inc.	Part of Lot 1, Concession 1	Mississauga ON	L4W 4X7
PTTW	The Corporation of the City of Mississauga	Lot 1, Concession 1 and Lots 11 and 12, Concession 2, City of Mississauga, Regional Municipality of CITY OF MISSISSAUGA	ON	
SPL	ARMBRO CONSTRUCTION	HWY 10 SOUTH OF STEELES AVE TRANSPORT TRUCK (CARGO)	MISSISSAUGA CITY ON	
SPL	UNKNOWN	COLHUM TRAIL,EAST SIDE OF CREDIT RIVER,SOUTH OF EGLINTON AVE.	MISSISSAUGA CITY ON	
SPL	PUC	LOT #73 NAHANI WAY	MISSISSAUGA CITY ON	
WWIS		con 1	ON	
WWIS		lot 14	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	
WWIS		con 1	ON	

Unplottable Report

Site:
Lot 14 Con 2 Peel ON

Database: ***AAGR***

Type:
Region/County: Wellington
Township: Peel
Concession: 2
Lot: 14
Size (ha):
Landuse:
Comments: naturally rehabilitated

Site: ***ACTIVE TIRE & AUTO CENTRE INC.***
EGLINTON AVE. EAST MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-0122-88-
Application Year: 88
Issue Date: 2/15/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***CITY***
EGLINTON AVE.E. MISSISSAUGA ON

Database: ***CA***

Certificate #: 3-0675-85-006
Application Year: 85
Issue Date: 6/21/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GOLDOME INVESTMENTS LTD.***
EGLINTON AVE./STREET 'A' MISSISSAUGA ON

Database: ***CA***

Certificate #: 7-0788-85-007
Application Year: 85
Issue Date: 10/7/85
Approval Type: Municipal water
Status: Revised Ammendment
Application Type:

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

Site: ***GOLDHOME INVESTMENTS LTD.***
EGLINTON AVE./STREET 'A' MISSISSAUGA ON

Database: ***CA***

Certificate #: 3-1072-85-006
Application Year: 85
Issue Date: 9/10/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GOLDOME INVESTMENTS LTD.***
EGLINTON AVE./STREET 'A' MISSISSAUGA ON

Database: ***CA***

Certificate #: 3-1072-85-007
Application Year: 85
Issue Date: 10/7/85
Approval Type: Municipal sewage
Status: Revised Ammendment
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MASTERGRAIN INVESTMENTS INC. RESID. SUBD***
STREET 'A'/EGLINTON AVENUE MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-1843-89-
Application Year: 89
Issue Date: 11/22/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***THE ERIN MILLS DEVELOPMENT CORPORATION***
EGLINTON AVE. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1471-87-
Application Year: 87
Issue Date: 8/14/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MISSISSAUGA CITY***
EGLINTON AVE. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1682-87-
Application Year: 87
Issue Date: 10/13/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GOLDHOME INVESTMENTS LTD.***
EGLINTON AVE./STREET 'A' MISSISSAUGA ON

Database: ***CA***

Certificate #: 7-0788-85-006
Application Year: 85
Issue Date: 9/10/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***KINGSBRIDGE DEVELOPMENTS INC***
EGLINTON AVE. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-1761-87-
Application Year: 87
Issue Date: 11/30/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MISSISSAUGA CITY***
EGLINTON AVE. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1543-86-
Application Year: 86
Issue Date: 10/16/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MISSISSAUGA CITY***
EGLINTON AVE. MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1481-88-
Application Year: 88
Issue Date: 8/25/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Schawk Inc.***
Part of Lot 1 Conc Mississauga ON

Database: ***CA***

Certificate #: 9237-7MCVSC
Application Year: 2009
Issue Date: 1/6/2009
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PEEL NON-PROFIT HOUSING CORP.***
BLOCK 2, PT. LOT 15, CONC. 2 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 8-3121-91-
Application Year: 91
Issue Date: 12/19/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:

Client Address:
Client City:
Client Postal Code:
Project Description: INSTALL 400 KW KOHLER DIESEL GENERATOR
Contaminants: Nitrogen Oxides
Emission Control: Silencer, Noise Control - Acoustic Louvre, Muffler,

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Site: ***Mississauga Gateway Centre***
Part of Lot 1, Concession 1 Mississauga ON

Database: ***CA***

Certificate #: 4058-4Z6L3T
Application Year: 01
Issue Date: 8/28/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: 2001209 Ontario Inc.
Client Address: 2810 Matheson Boulevard East, Suite 200
Client City: Mississauga
Client Postal Code: L4W 4X7
Project Description: Construction of a Stormwater Management Pond for both quality and quanity.
Contaminants:
Emission Control:

Site: ***V.W. KUCHAR & ASSOC. ARCH. LTD.-PT.LOT 1***
FORUM DR./BLKS. 1,3&4, CONC. 1 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1615-91-
Application Year: 91
Issue Date: 10/25/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LAKEVIEW ESTATES LTD. SANDALWOOD 6***
NAHANI WAY MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-0550-87-
Application Year: 87
Issue Date: 5/11/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LAKEVIEW ESTATES LIMITED***
NAHANI WAY SANDALWOOD 7 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-0649-87-

Application Year: 87
Issue Date: 5/19/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***LAKEVIEW ESTATES LTD. SANDALWOOD 6 NAHANI WAY MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 3-0651-87-
Application Year: 87
Issue Date: 5/11/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***DELL HOLDINGS LIMITED SORRENTO DR. MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 7-0924-88-
Application Year: 88
Issue Date: 6/20/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***DELL HOLDINGS LIMITED SORRENTO DR. MISSISSAUGA CITY ON***

Database: ***CA***

Certificate #: 3-1073-88-
Application Year: 88
Issue Date: 6/20/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MASTERGRAIN INVESTMENTS INC. RESID. SUBD***
STREET 'A'/EGLINTON AVENUE MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-2223-89-
Application Year: 89
Issue Date: 11/22/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED LANDS CORPORATION RESIDENTIAL SUB***
THORNWOOD DRIVE MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-1157-89-
Application Year: 89
Issue Date: 7/14/1989
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***UNITED LANDS CORPORATION***
THORNWOOD DR. UNITED LANDS COR MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 3-1910-89-
Application Year: 89
Issue Date: 10/18/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***V.W. KUCHAR & ASSOC. ARCH. LTD.-PT.LOT 1***
FORUM DR./BLKS. 1,3&4, CONC. 1 MISSISSAUGA CITY ON

Database: ***CA***

Certificate #: 7-1307-91-
Application Year: 91
Issue Date: 10/25/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: ***The Corporation of the City of Mississauga***
Lot 1 and Conc. 1 Mississauga ON

Database: ***CA***

Certificate #: 2093-8EXP5F
Application Year: 2011
Issue Date: 6/21/2011
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: ***Strela Trucking Ltd. and Aco Stegnjaic***
Nahani Way Mississauga ON

Database: ***CONV***

File No:
Crown Brief No:
Court Location:
Publication City:
Location: Mississauga
Region:
Ministry District:

Publication Title: Mississauga Waste Transportation Company and Director fined $15,000 for Environmental Protection Act Violations
Act: Environmental Protection Act (EPA)
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed: On December 6, 2016, Aco Stegnjaic was convicted of one offence, was fined $5,000 plus a victim fine surcharge of $1,250 and was given one year to pay the fine. On January 3, 2017, Strela Trucking Ltd was convicted of one offence, was fined $10,000 plus a victim fine surcharge of $2,500 and was given one year to pay the fine.
Description: Strela Trucking Ltd. and Aco Stegnjaic pleaded guilty to one offence each and were fined a total of $15,000 for refusing to provide
the information and documents requested by the ministry and failing to comply with an Entry or Inspection order, contrary to the Environmental Protection Act (EPA).
Background: Strela Trucking Ltd. operates from a location on Nahani Way in Mississauga.

Aco Stegnjaic is the sole director at the company.

On May 14, 2009, the company was issued ministry approval for a Waste Management System and on July 22, 2011, the company was issued ministry approval for the management of non-agricultural source material and processed organic waste.

On June 21, 2012, ministry staff met with Mr. Stegnjaic and requested information that was believed to be in the company's possession that related to an ongoing inspection.

On June 26, 2012, ministry staff wrote a letter requesting the information no later than July 14, 2012.

When the information was not provided by the deadline, ministry staff extended the due date for the information to September 26, 2012.

On September 26, 2012, Mr. Stegnjaic responded to the ministry and refused to supply the information.

On March 5, 2013, an Entry and Inspection Order was issued under the EPA to gain access to the site.

On March 28, 2013, ministry staff attended the site to execute the order and Mr. Stegnjaic refused entry to the premises and access to the information.

The matter was referred to the Ministry's Investigations and Enforcement Branch and following an investigation charges were laid

URL: https://news.ontario.ca/ene/en/2017/01/mississauga-waste-transportation-company-and-director-fined-15000-for-environmental-protection-act-v.html

--Details--

Publication Date: January 5, 2017 12:00 P.M.
Count:
Act:
Regulation:
Section:
Act/Regulation/Section:
Date of Offence:
Date of Conviction: On December 6, 2016
Date Charged:
Charge Disposition:
Fine: $15,000
Synopsis:

Site: ***2001209 Ontario Inc.***
Part of Lot 1, Concession 1 Mississauga ON L4W 4X7

Database: ***ECA***

Approval No: 4058-4Z6L3T
Approval Date: 2001-08-28
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Part of Lot 1, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7851-4YPSNX-14.pdf

MOE District:
City: Mississauga
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***The Corporation of the City of Mississauga***
Lot 1, Concession 1 and Lots 11 and 12, Concession 2, City of Mississauga, Regional Municipality of CITY OF MISSISSAUGA ON

Database: ***PTTW***

EBR Registry No: 012-2796
Ministry Ref. No: 6625-9PNFLV
Notice Type: Instrument Decision
Company Name: The Corporation of the City of Mississauga
Proponent Name:
Proponent Address: 201 City Centre Drive , Suite 800, Mississauga Ontario, Canada L5B2T4
Instrument Type: (OWRA s. 34) - Permit to Take Water
Location Other:
URL:

Proposal Date: October 10, 2014
Notice Date: January 06, 2015
Year: 2014

Location:

Lot 1, Concession 1 and Lots 11 and 12, Concession 2, City of Mississauga, Regional Municipality of CITY OF MISSISSAUGA

Site: ***ARMBRO CONSTRUCTION***
HWY 10 SOUTH OF STEELES AVE TRANSPORT TRUCK (CARGO) MISSISSAUGA CITY ON

Database: ***SPL***

Ref No: 101040
Site No:
Incident Dt: 6/10/1994
Year:

Discharger Report:
Material Group:
Client Type:
Sector Type:

Incident Cause:	PIPE/HOSE LEAK	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	NOT ANTICIPATED	***Site Municipality:***	21102
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	BRAMPTON WORKS
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	6/10/1994	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	EQUIPMENT FAILURE		
Incident Summary:	ARMBRO-UKN QTY HYDRAULIC OIL TO ROADWAY & STORM SEWER,CLEANED-UP,WORKS.		

Site: ***UNKNOWN***
COLHUM TRAIL,EAST SIDE OF CREDIT RIVER,SOUTH OF EGLINTON AVE. MISSISSAUGA CITY ON

Database: ***SPL***

Ref No:	230430	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	7/2/2002	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:	UNKNOWN	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	21102
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	7/2/2002	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:	WORKS		
SAC Action Class:			
Incident Reason:	UNKNOWN		
Incident Summary:	SOURCE UKN-PAINT & USED MOTOR OIL DUMPED IN STORM,CONTAINED AT OUTFALL.		

Site: ***PUC***
LOT #73 NAHANI WAY MISSISSAUGA CITY ON

Database: ***SPL***

Ref No:	18129	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	5/6/1989	***Client Type:***	
Year:		***Sector Type:***	
Incident Cause:	COOLING SYSTEM LEAK	***Source Type:***	
Incident Event:		***Nearest Watercourse:***	
Contaminant Code:		***Site Name:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site County/District:***	
Contaminant UN No 1:		***Site Postal Code:***	
Contaminant Qty:		***Site Region:***	

Environment Impact:		***Site Municipality:***	21102
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
Health/Env Conseq:		***Easting:***	
MOE Response:		***Site Geo Ref Accu:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Meth:***	
MOE Reported Dt:	5/6/1989	***Site Map Datum:***	
Dt Document Closed:			
Agency Involved:			
SAC Action Class:			
Incident Reason:	EQUIPMENT FAILURE		
Incident Summary:	MISSISSAUGA HYDRO - INTENTIONS TO REPLACE LEAKING (NEW) TRANSFORMER		

Site:

con 1 ON

Database:
WWIS

Well ID:	4908322	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	4/17/1998
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	3656
Casing Material:		***Form Version:***	1
Audit No:	75175	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	MISSISSAUGA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10322858	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***Org CS:***	
Open Hole:		***North83:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	06-MAR-98	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	964908322
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID: 10871428
Casing No: 1
Comment:
Alt Name:

Site:
lot 14 ON

Database:
WWIS

Well ID: 4904642
Construction Date:
Primary Water Use: Livestock
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/21/1975
Selected Flag: Yes
Abandonment Rec:
Contractor: 3406
Form Version: 1
Owner:
Street Name:
County: WELLINGTON
Municipality: PEEL TOWNSHIP
Site Info:
Lot: 014
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10319423
DP2BR: 15
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 27-MAR-75
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 932046575
Layer: 2
Color: 3
General Color: BLUE
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Other Materials: LIMESTONE
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 56
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	932046574
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904642
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10867993
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527303
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	56
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	994904642
Pump Set At:	
Static Level:	28
Final Level After Pumping:	47
Recommended Pump Depth:	49
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	24
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934259651

Test Type:
Test Duration: 15
Test Level: 28
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935044479
Test Type:
Test Duration: 60
Test Level: 28
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934779532
Test Type:
Test Duration: 45
Test Level: 28
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934533763
Test Type:
Test Duration: 30
Test Level: 28
Test Level UOM: ft

Water Details

Water ID: 933792672
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 56
Water Found Depth UOM: ft

Site:
con 1 ON

Database:
WWIS

Well ID: 4909196
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 253141
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/4/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1663
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: MISSISSAUGA CITY
Site Info:
Lot:
Concession: 01
Concession Name: DS S
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10546467	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***Org CS:***	
Open Hole:		***North83:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	29-MAY-03	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Method of Construction & Well Use

Method Construction ID:	964909196
Method Construction Code:	A
Method Construction:	Digging
Other Method Construction:	

Pipe Information

Pipe ID:	11095037
Casing No:	1
Comment:	
Alt Name:	

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

con 1 ON

Well ID:	4908323	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:		***Date Received:***	4/17/1998
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:		***Abandonment Rec:***	
Water Type:		***Contractor:***	3656
Casing Material:		***Form Version:***	1
Audit No:	75174	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	PEEL
Elevation (m):		***Municipality:***	MISSISSAUGA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	01
Overburden/Bedrock:		***Concession Name:***	DS N
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10322859	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:	_	***East83:***	
Code OB Desc:	No formation data	***Org CS:***	
Open Hole:		***North83:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	27-MAR-98	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na

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

Method of Construction & Well Use

Method Construction ID: 964908323
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10871429
Casing No: 1
Comment:
Alt Name:

Site:
con 1 ON

Database: ***WWIS***

Well ID: 4908210
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 75172
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/8/1997
Selected Flag: Yes
Abandonment Rec:
Contractor: 3656
Form Version: 1
Owner:
Street Name:
County: PEEL
Municipality: MISSISSAUGA CITY
Site Info:
Lot:
Concession: 01
Concession Name: DS N
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10322769
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 30-JUN-97
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 932062382
Layer: 1
Color:
General Color:
Mat1: 00
Most Common Material: UNKNOWN TYPE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth:
Formation End Depth:
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964908210
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10871339
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

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2018

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-Nov 2016

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

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-Jul 31, 2018

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 2014

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*

Commercial Fuel Oil Tanks: Provincial CFOT

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; 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: Feb 28, 2017

Chemical Register: 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-Jul 31, 2018

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 - Dec 2018

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-Sep 2018

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Nov 30, 2018

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. 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 to the MNDM. 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 - Oct 2018

Dry Cleaning Facilities: Federal DRYCLEANERS

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 2016

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-Nov 30, 2018

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-Nov 30, 2018

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-Nov 30, 2018

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-Oct 31, 2018

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: Dec 31, 2016

List of TSSA Expired Facilities: Provincial EXP

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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.

Government Publication Date: Jun 2000-Oct 2018

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 2017

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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. 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-June 30, 2018

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-Dec 2016

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*

TSSA Incidents: Provincial INC

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Sep 30, 2017

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*

Environmental Penalty Annual Report: Provincial MISA PENALTY

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. 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, 2017

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-Jan 2018

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 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.

Government Publication Date: Dec 31, 2016

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-Apr 2018

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 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-Jun 30, 2018

National Energy Board Wells: Federal NEBW

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 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.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGW

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-August 31, 2018

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources 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 include well owner/operator, location, permit issue date, and well cap date, license No., 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 provide for each well record.

Government Publication Date: 1800-May 2018

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 all 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-Nov 30, 2018

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: 1988-Mar 2018

TSSA Pipeline Incidents: Provincial PINC

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), 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 pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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 all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Nov 30, 2018

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: 1986-2016

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).

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2018

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-Jul 31, 2018

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

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-Sep 2018

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all 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. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2016

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-Aug 2017

TSSA Variances for Abandonment of Underground Storage Tanks: Provincial VAR

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all 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. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

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-Nov 30, 2018

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, 2017

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

MECP FOI Search Results

Ontario

Ministry of the Environment,
Conservation and Parks

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			**For Ministry Use Only**	
Name, Title, Company Name and Mailing Address of Requester Irene Hutchison Pinchin Ltd. 2470 Milltower Court Mississauga, ON L5N 7W5 Email Address: ihutchison@pinchin.com			FOI Request No.	Date Request Received
			Fee Paid $ ~ ACCT ~ CHQ ☑ VISA ~ CASH	
Telephone/Fax Nos. Tel : 905-363-1340 Fax : 905-363-0681	Your Project/Reference No. 230989	Signature of Requester Irene Hutchison	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions)**

131 Eglinton Avenue East, Mississauga, ON

Present Property Owner(s) and Date(s) of Ownership

2190777 Ontario Inc.

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	ALL YEARS
Orders	ALL YEARS
Spills	ALL YEARS
Investigations/prosecutions ▸ ***Owner and tenant information must be provided***	ALL YEARS
Waste Generator number/classes	ALL YEARS

Certificates of Approval ▸ Proponent information must be provided

1987 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

	SD	**Specify Year(s) Requested**
air - *emissions*	YES	ALL YEARS
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*	YES	ALL YEARS
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*	YES	ALL YEARS
waste water - *industrial discharge*	YES	ALL YEARS
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*	YES	ALL YEARS
waste systems - *haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction*	YES	ALL YEARS
pesticides - *licenses*	NO	

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

Ontario

Ministry of the Environment,
Conservation and Parks

Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			**For Ministry Use Only**	
Name, Title, Company Name and Mailing Address of Requester Irene Hutchison Pinchin Ltd. 2470 Milltower Court Mississauga, ON L5N 7W5 Email Address: ihutchison@pinchin.com			FOI Request No.	Date Request Received
			Fee Paid $ ~ ACCT ~ CHQ ☑ VISA ~ CASH	
Telephone/Fax Nos. Tel : 905-363-1340 Fax : 905-363-0681	Your Project/Reference No. 230989	Signature of Requester Irene Hutchison	☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ SAC ☐ IEB ☐ EAA ☐ EMR ☐ SWA	

Request Parameters

Municipal Address / Lot, Concession, Geographic Township **(Municipal address essential for cities, towns or regions**)

91 Eglinton Avenue East, Mississauga, ON

Present Property Owner(s) and Date(s) of Ownership

91 Eglinton Limited Partnership

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s),(if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	ALL YEARS
Orders	ALL YEARS
Spills	ALL YEARS
Investigations/prosecutions ▸ ***Owner and tenant information must be provided***	ALL YEARS
Waste Generator number/classes	ALL YEARS

Certificates of Approval ▸ Proponent information must be provided

1987 and prior records are searched manually. **Search fees in excess of $300.00** could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). **If supporting documents are also required, mark SD box** and specify type e.g. maps, plans, reports, etc.

		SD	**Specify Year(s) Requested**
air - *emissions*		YES	ALL YEARS
water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*		YES	ALL YEARS
sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*		YES	ALL YEARS
waste water - *industrial discharge*		YES	ALL YEARS
waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*		YES	ALL YEARS
waste systems	*- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction*	YES	ALL YEARS
pesticides - *licenses*		NO	

A $5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is $30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of $30.00.

APPENDIX G

TSSA Search Results

Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Fax: 416.231.4903
Email:publicinformationservices@tssa.org
www.tssa.org

Application for Release of Public Information
Issued under the Access and Privacy Code

Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 230989

Requestor Name : Irene Hutchison		Organization Pinchin Ltd.	**For Office Use Only**
Suite/Unit No:	Street No: 2470	Street Name: Milltower Court	Date
City: Mississauga	Province: ON	Postal Code: L5N 7W5	Account No.
Primary Phone: 905.363.1340		Secondary Phone: 289.971.0618	SR No.
Email: ihutchison@pinchin.com		Fax: 905.363.0681	P.I No:

B. PROGRAM (check ALL that apply)

☐ Boilers & Pressure Vessels ☐ Elevating & Amusement Devices ☑ Fuels ☐ Upholstered and Stuffed Articles

C. DETAILS OF REQUEST (please list in detail the information you require)

Incidents/Occurrence Reports, Fuel Tanks & Environmental Reports

D. PLEASE ANSWER ALL THAT APPLY:

Address of Subject Location (one address per form)
131 Eglinton Avenue East, Mississauga, ON

Device/equipment Type: _____ Owner: _____

Installation Number: _____ Serial #: _____

CRN: _____ OIN: _____

Victim Name (if applicable): _____

Certificate Holder Name (if applicable): _____ Certificate Holder Date of Birth: _____ (DD-MM-YYYY)

Date /period requested:

☐ From (date): _____ to (date) _____

☐ Most recent record

345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416.734.3300
Fax: 416.231.1626
Toll Free: 1.877.682.8772

www.tssa.org

24 January 2019

Irene Hutchison
PINCHIN LTD.
2470 Milltower Court
MISSISSAUGA ON L5N 7W5

Subject: **131 Eglinton Avenue East, Mississauga**
Your File No.: **230989**
SR No.: **2480994**

Dear Madam/Sir:

We are in receipt of your correspondence wherein you requested information regarding the above noted subject.

A search of our records did not produce the requested Fuels Safety documents.

Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

Yours truly,

Yalini Kanagendran

Yalini Kanagendran
Public Information Services

APPENDIX H

Aerial Photographs

PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AERIAL PHOTOGRAPH - 1954

APPENDIX NO.
I

SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019

PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AERIAL PHOTOGRAPH - 1966

APPENDIX NO.
I

SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019

PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AERIAL PHOTOGRAPH - 1975

APPENDIX NO.
I

SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019

PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

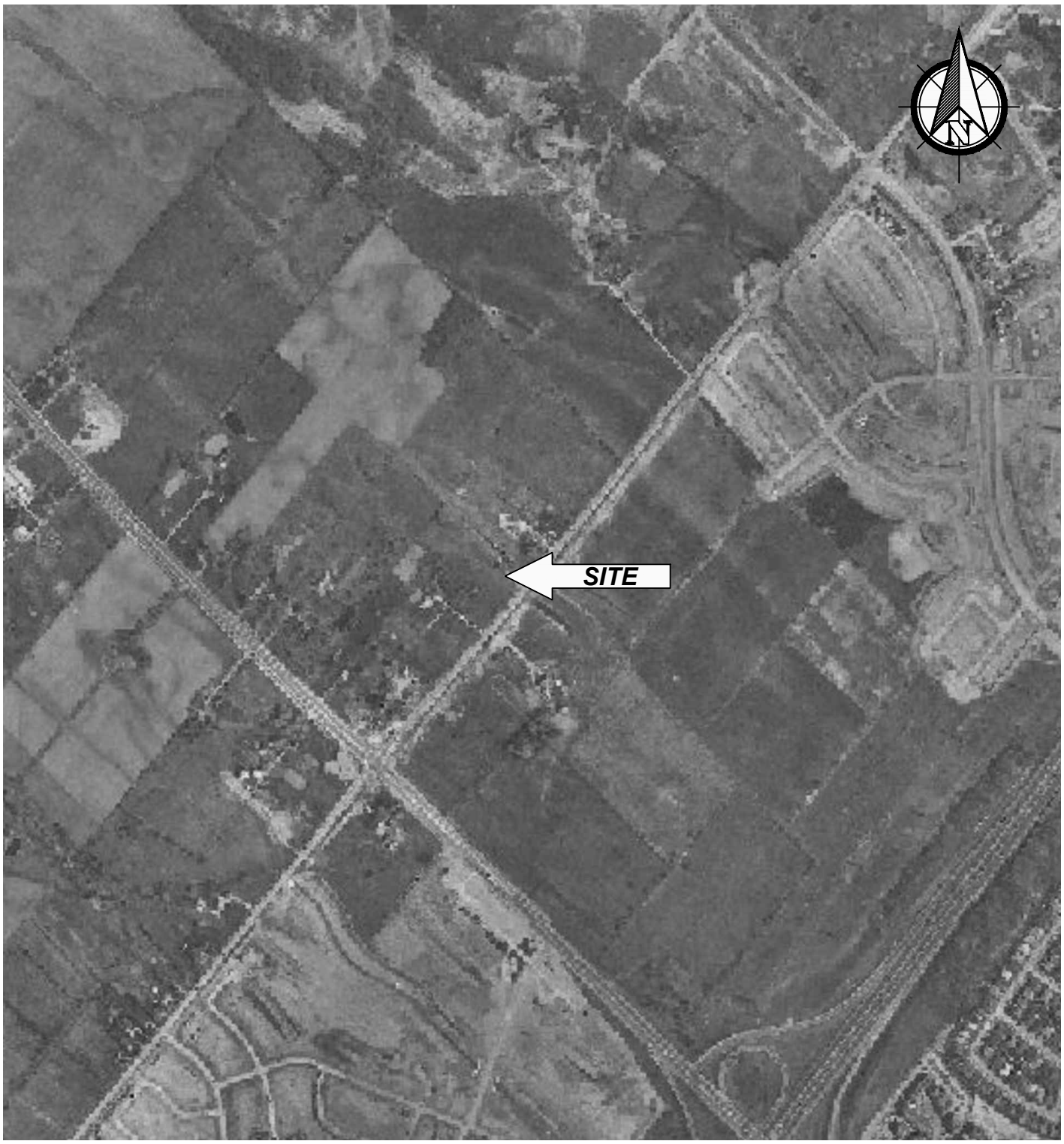
CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AERIAL PHOTOGRAPH - 1980

APPENDIX NO.
I

SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019



PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AERIAL PHOTOGRAPH - 1985

APPENDIX NO.
I

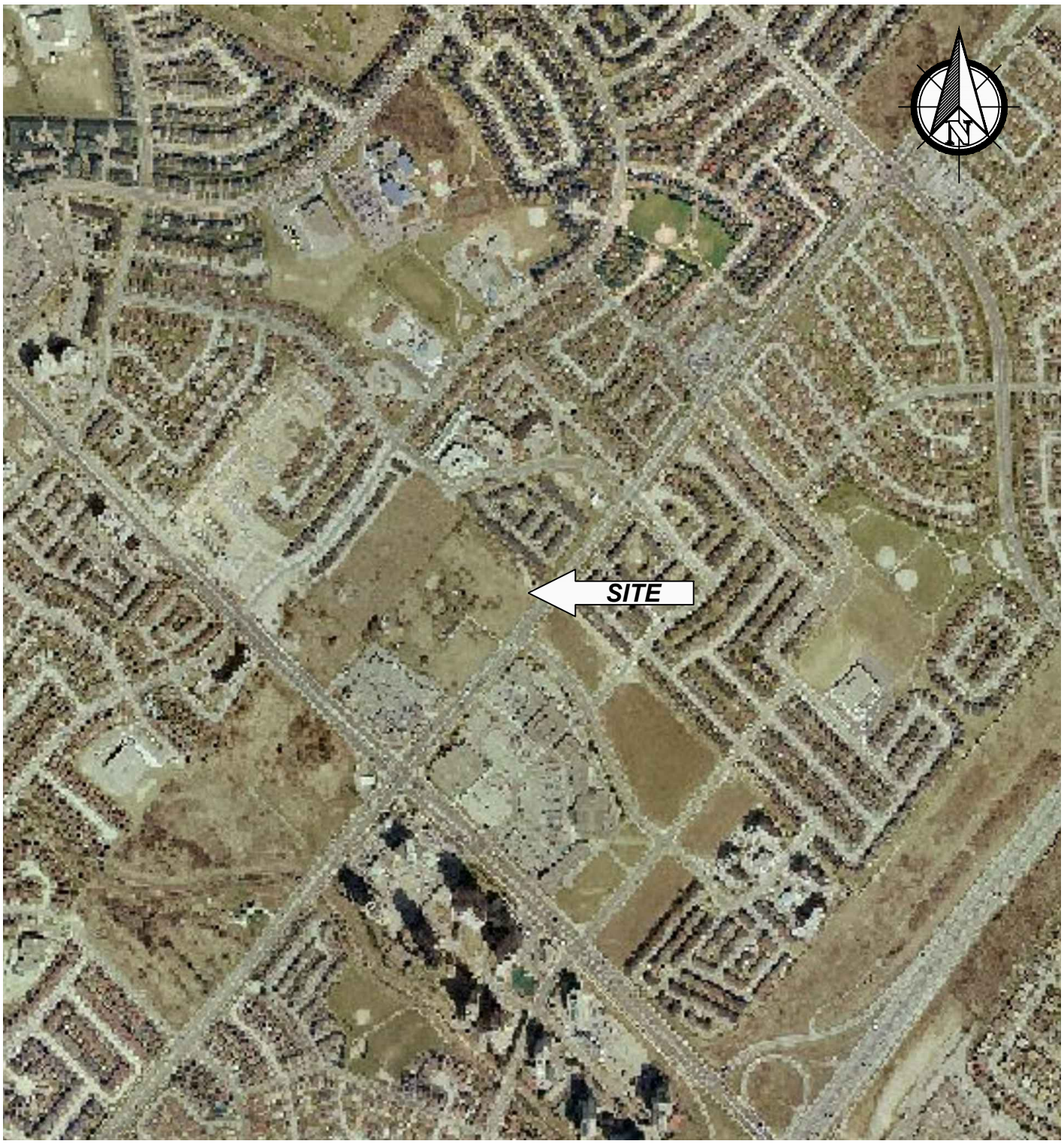
SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019

PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: AERIAL PHOTOGRAPH - 1992			APPENDIX NO.: I
SCALE: NTS	PROJECT NO.: 230989	DATE: FEB. 2019	

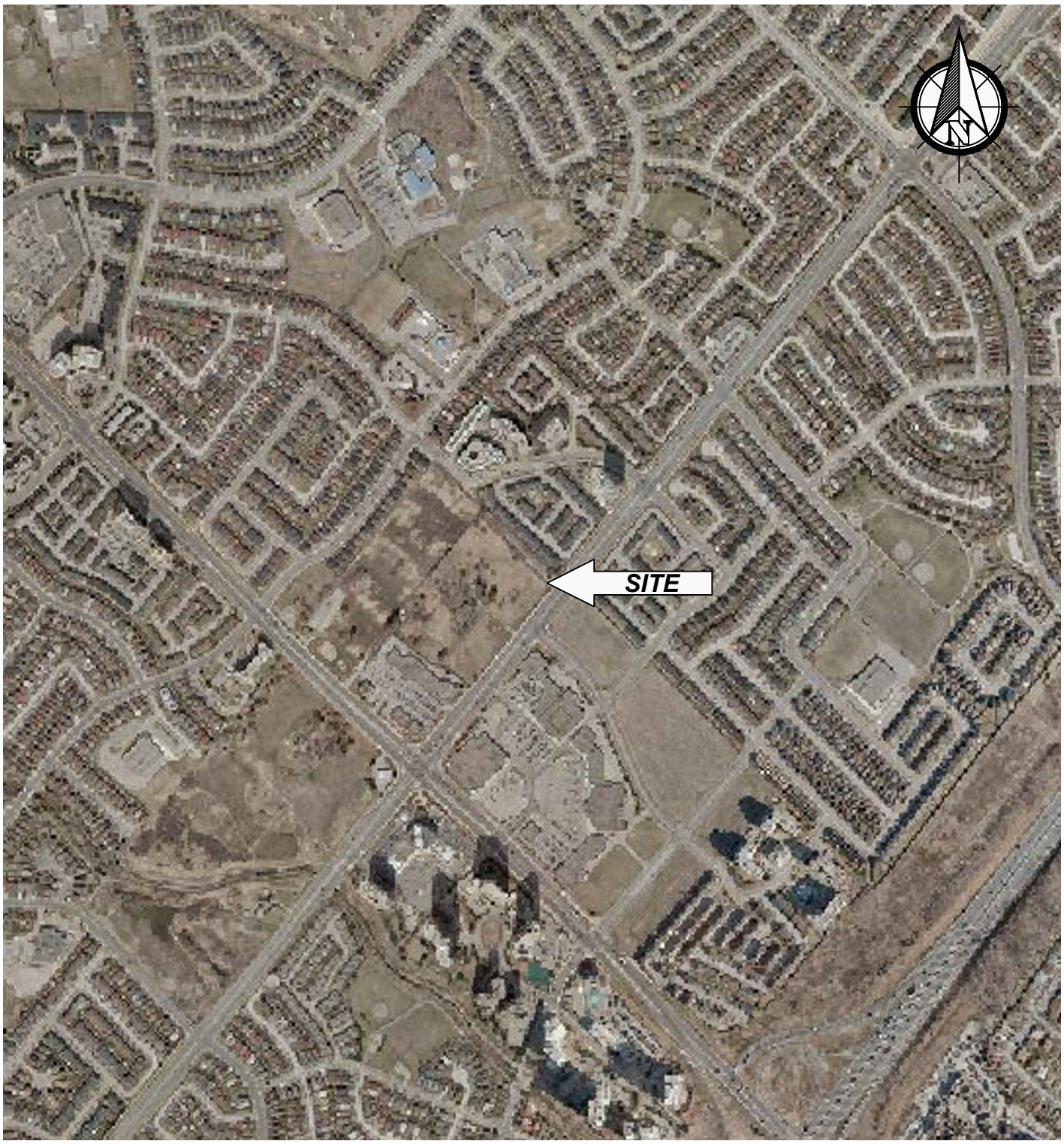
PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: AERIAL PHOTOGRAPH - 1997			APPENDIX NO.
SCALE: NTS	PROJECT NO.: 230989	DATE: FEB. 2019	I



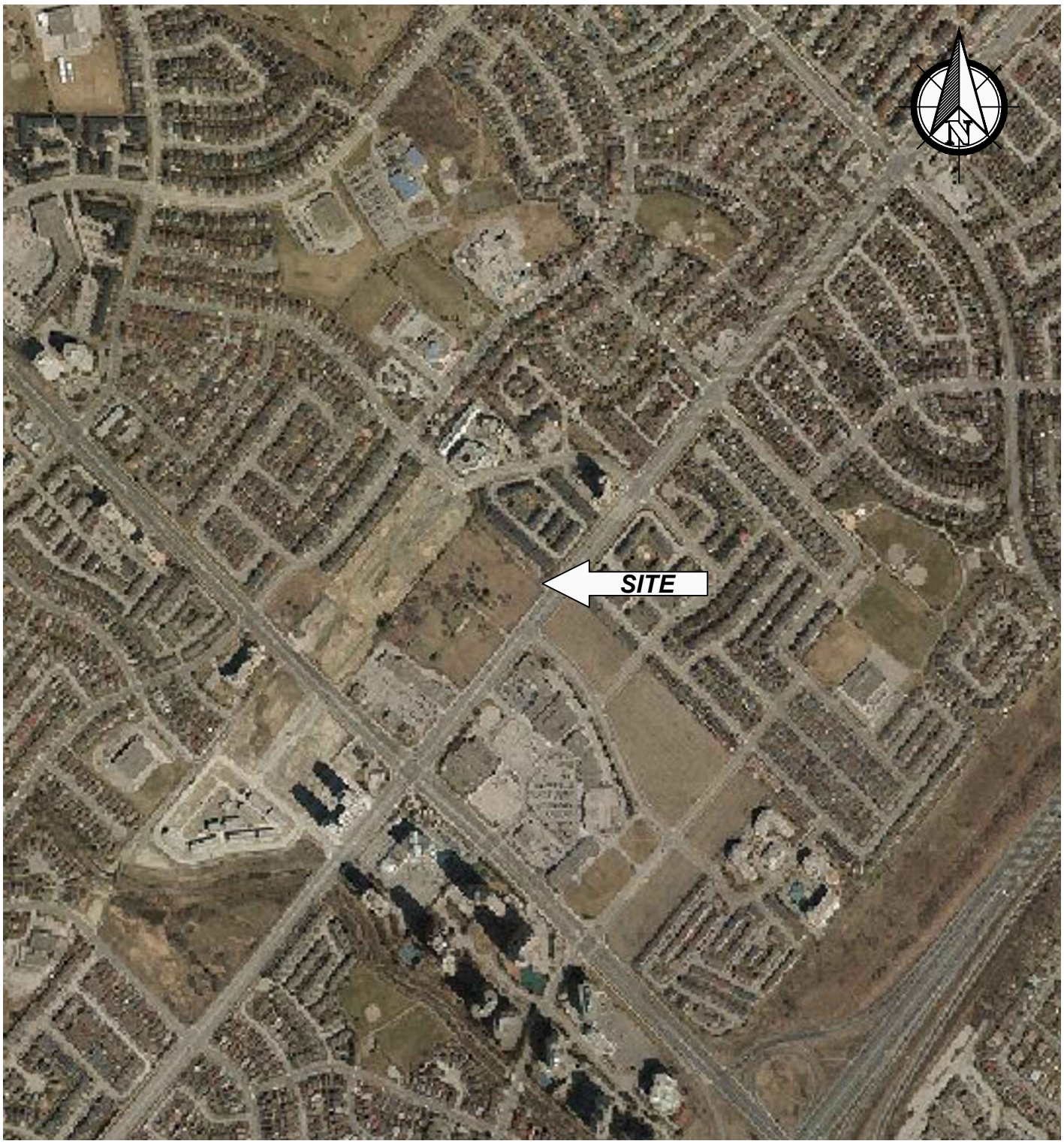
PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: AERIAL PHOTOGRAPH - 2005			APPENDIX NO.: I
SCALE: NTS	PROJECT NO.: 230989	DATE: FEB. 2019	



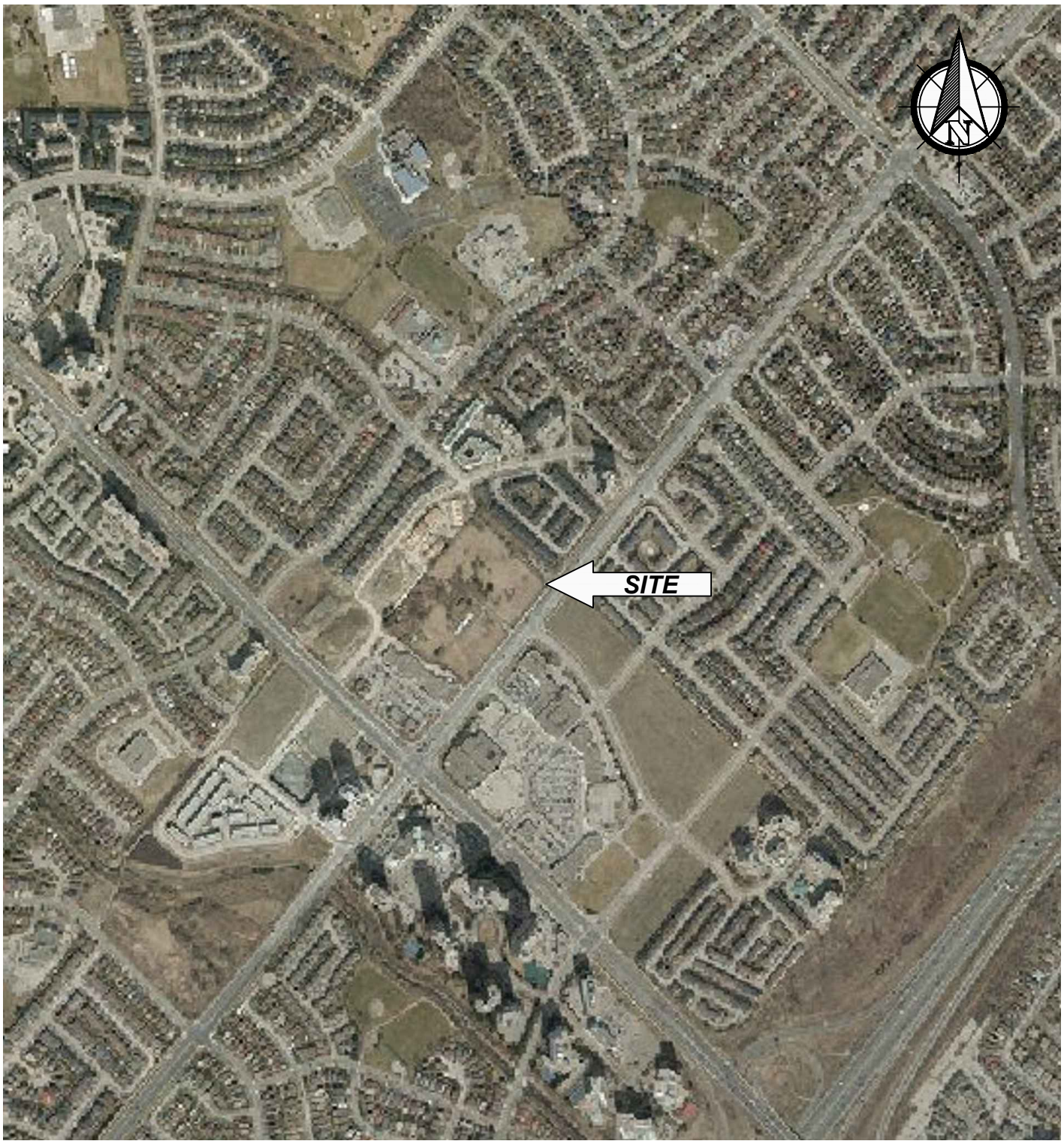
PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: AERIAL PHOTOGRAPH - 2010			APPENDIX NO.
SCALE: NTS	PROJECT NO.: 230989	DATE: FEB. 2019	I



PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP			
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO			
FIGURE NAME: AERIAL PHOTOGRAPH - 2015			APPENDIX NO.: I
SCALE: NTS	PROJECT NO.: 230989	DATE: FEB. 2019	



PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

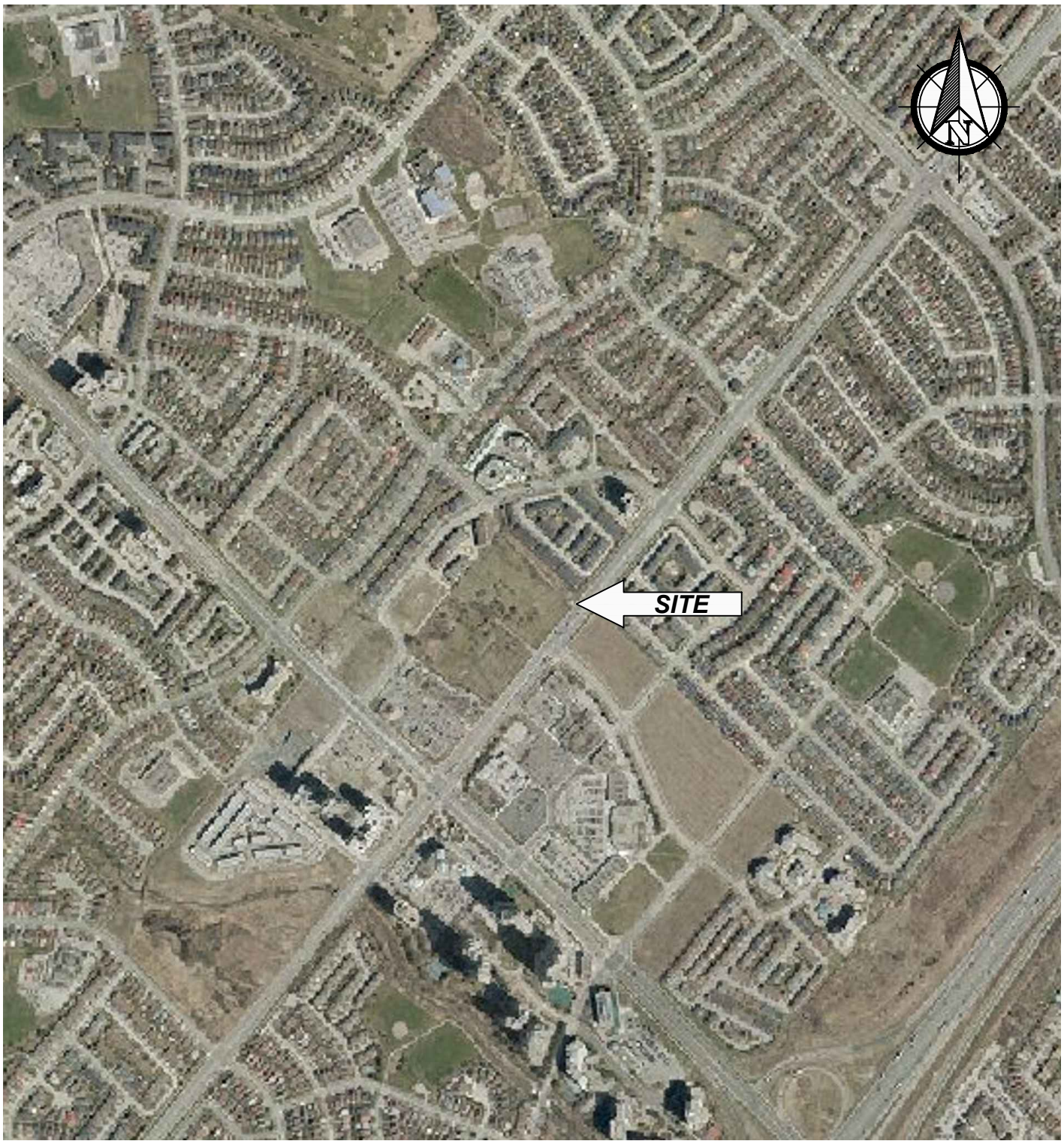
CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

FIGURE NAME
AERIAL PHOTOGRAPH - 2016

APPENDIX NO.
I

SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019



PINCHIN

PROJECT NAME
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME
91 EGLINTON LIMITED PARTNERSHIP

PROJECT LOCATION
131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO

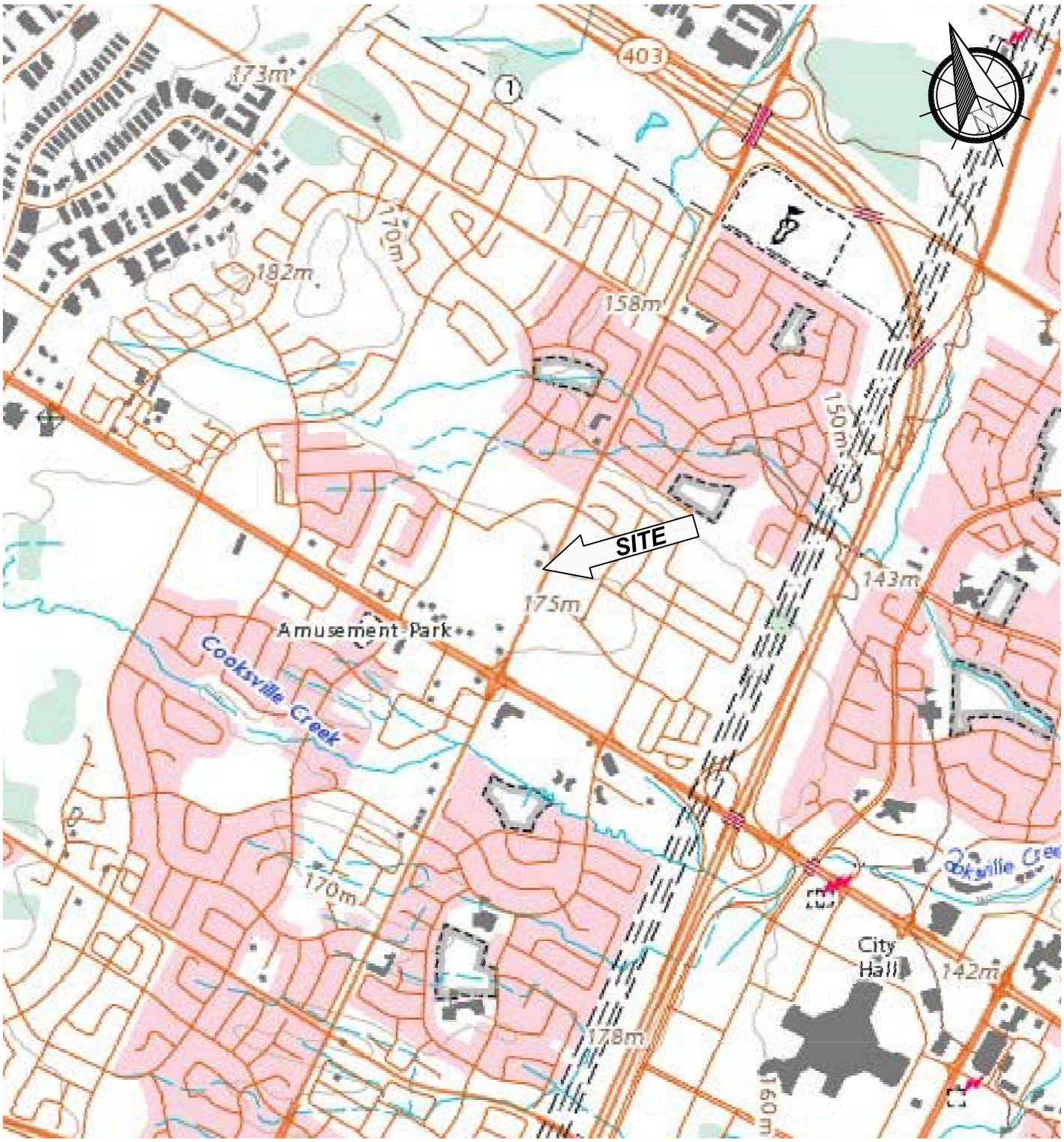
FIGURE NAME
AERIAL PHOTOGRAPH - 2018

APPENDIX NO.
I

SCALE	PROJECT NO.	DATE
NTS	230989	FEB. 2019

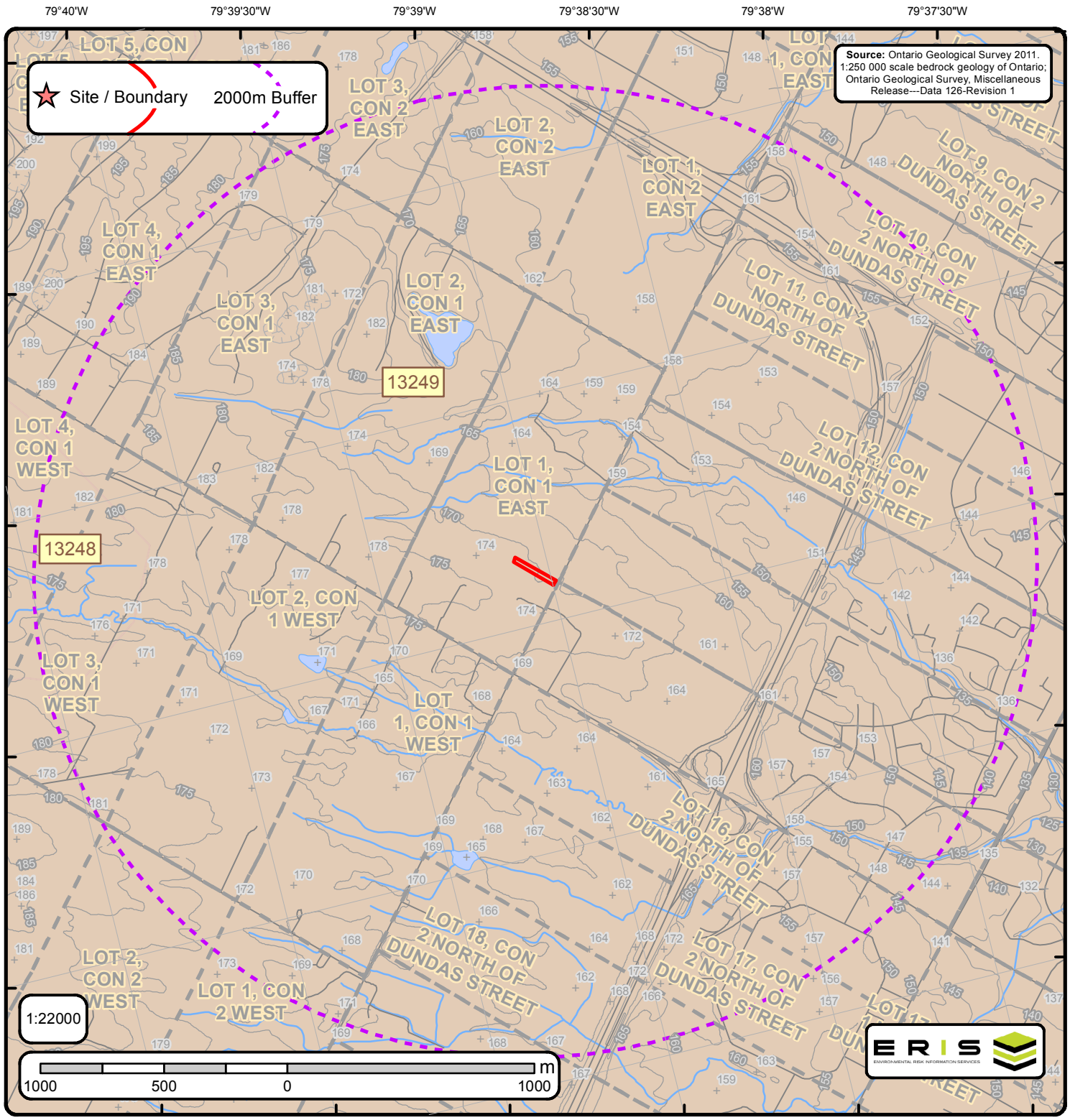
APPENDIX I

Maps



PINCHIN

PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT		
CLIENT NAME: 91 EGLINTON LIMITED PARTNERSHIP		
PROJECT LOCATION: 131 EGLINTON AVENUE EAST, MISSISSAUGA, ONTARIO		
FIGURE NAME: TOPOGRAPHIC MAP		APPENDIX NO.: J
SCALE: NTS	PROJECT NO.: 230989	DATE: FEB. 2019



Bedrock Geology of Ontario

Order No. 20190110198

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

131 Eglinton Avenue East, Mississauga, ON, L4Z 1B2

Order ID: 20190110198

ID: 13249 | **Unit Name:** |
Type (All): 55b | **Type (Primary):** 55b | **Type (Secondary):** | **Type (Tertiary):** | **Rock Type (Primary):** Shale, limestone, dolostone, siltstone | **Strata (Primary):** Georgian Bay Formation; Blue Mountain Formation; Billings Formation; Collingwood Member; Eastview Member | **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):**

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)
NEO-TO MESOARCHEAN (2.5 Ga to 3.2 Ga)
NEOARCHEAN (2.5 Ga to 2.8 Ga)
PALEOPROTEROZOIC (1.6 Ga to 2.5 Ga)
MESO-TO PALEOPROTEROZOIC (1.0 Ga to 2.5 Ga)
MESOPROTEROZOIC (1.0 Ga to 1.6 Ga)
EARLY PALEOZOIC TO NEOPROTEROZOIC (443.7 Ma to 1.0 Ga)
NEO-TO MESOPROTEROZOIC (0.542 Ga to 1.6 Ga)
PALEOZOIC (251.0 Ma to 542.0 Ma)
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:

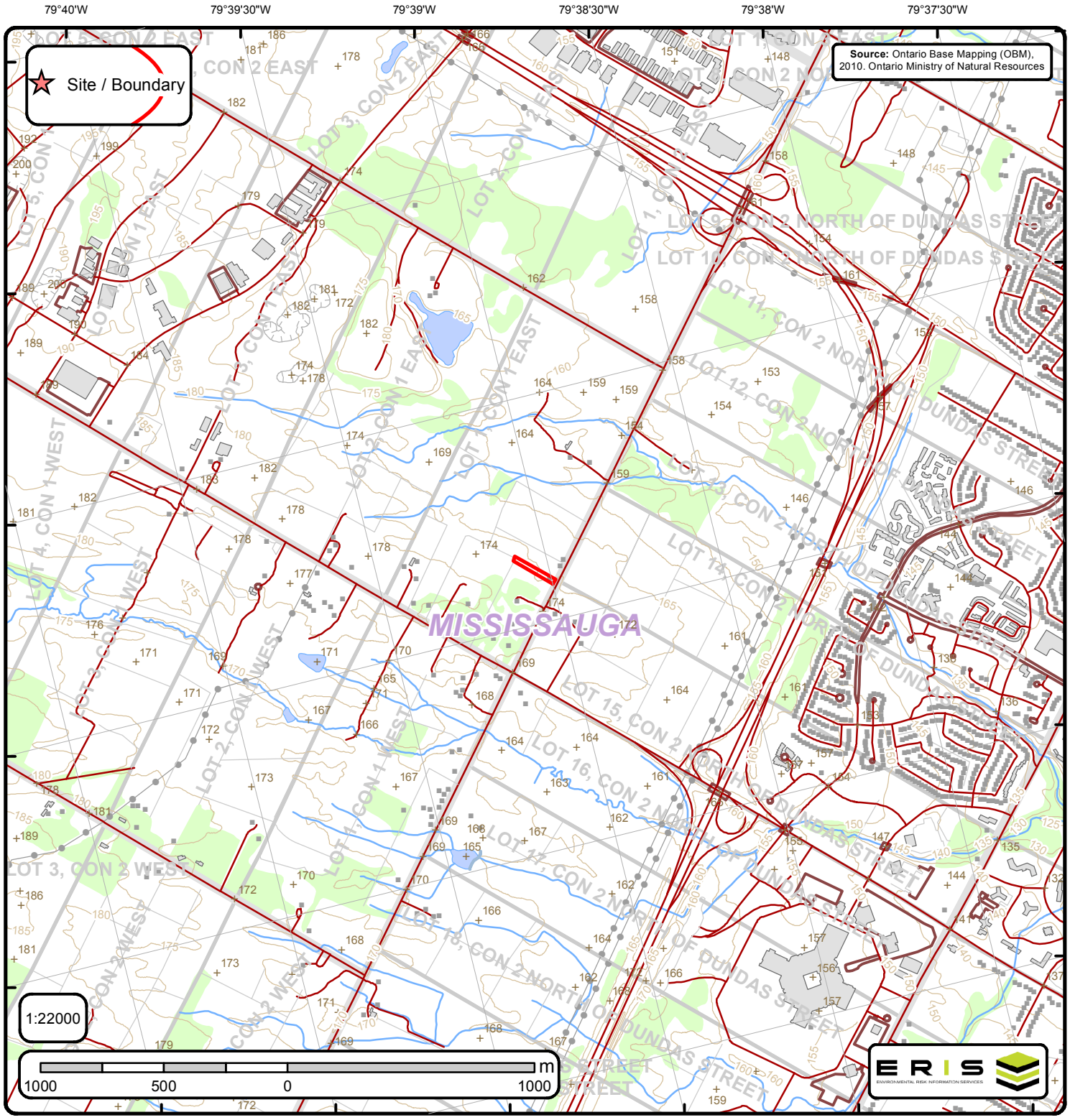
```
CAMBRIAN (488.3 Ma to 542.0 Ma)
ORDOVICIAN (443.7 Ma to 488.3 Ma)
SILURIAN (416.0 Ma to 443.7 Ma)
DEVONIAN (359.2 Ma to 416.0 Ma)
MISSISSIPPIAN TO DEVONIAN (318.1 Ma to 416.0 Ma)
JURASSIC (145.5 Ma to 199.6 Ma)
CRETACEOUS AND JURASSIC (65.5 Ma to 199.6 Ma)
```

Epoch (Primary) - A name given to a defined unit of geological time. Unique values which this field may contain (Domains) are:

```
LOWER ORDOVICIAN
MIDDLE ORDOVICIAN
UPPER ORDOVICIAN
MIDDLE AND LOWER SILURIAN
UPPER SILURIAN TO LOWER DEVONIAN
UPPER SILURIAN
LOWER DEVONIAN
MIDDLE DEVONIAN
UPPER 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:

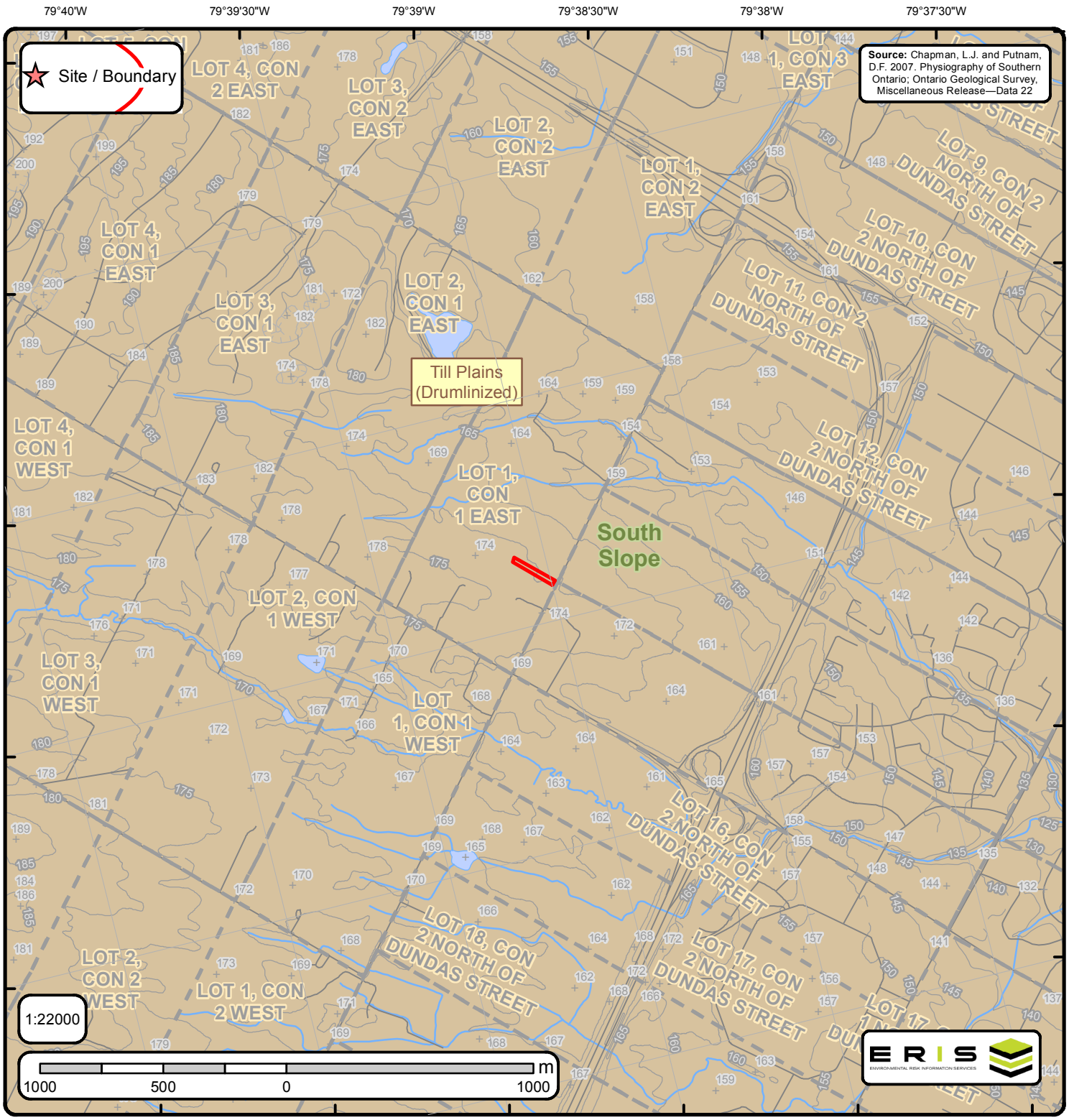
```
SUPERIOR
SOUTHERN
SUPERIOR
GRENVILLE
```



Ontario Base Mapping (OBM) Data

Order No. 20190110198

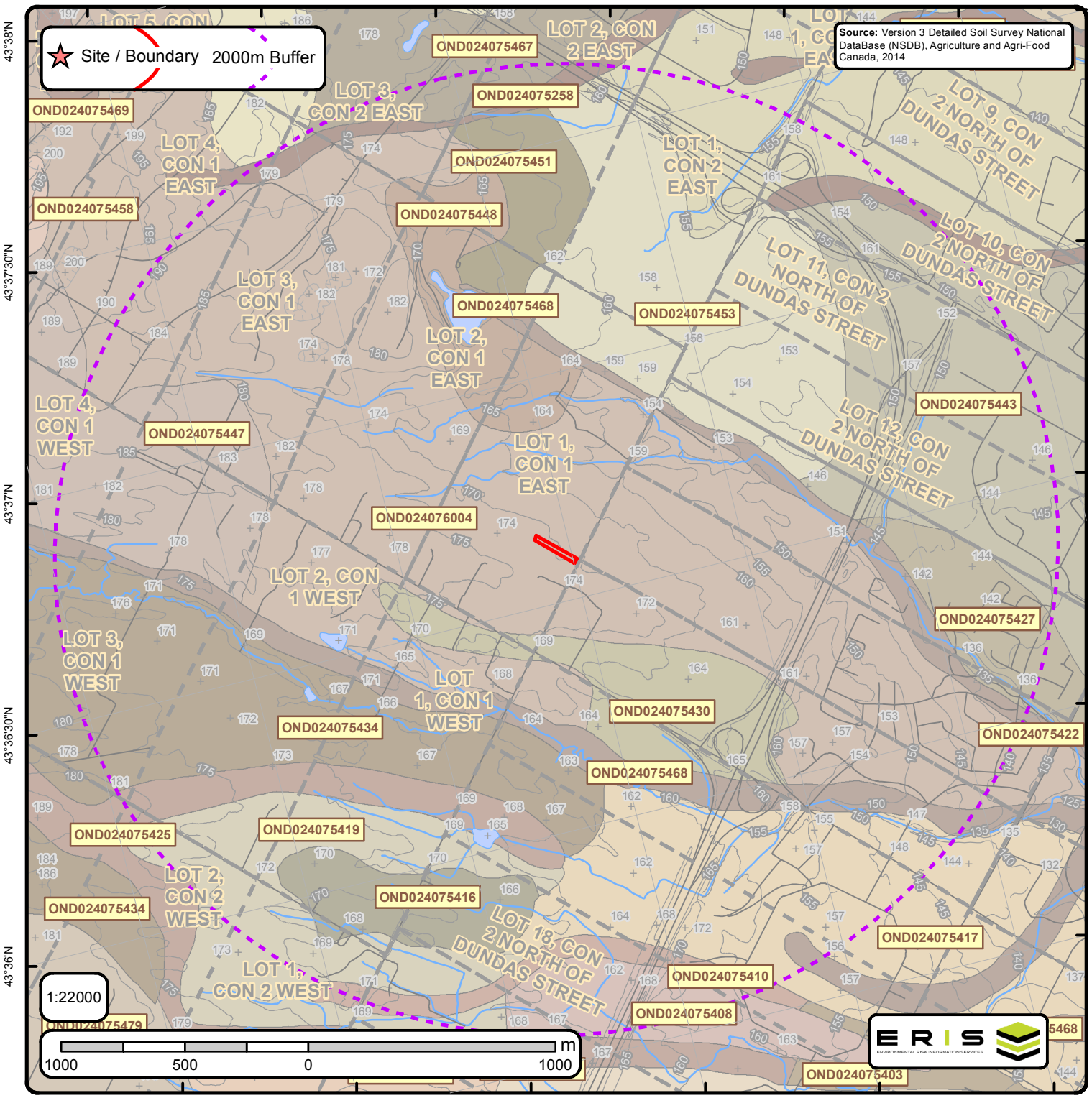
- Spot Height (metre)
- Building Point
- Towers
- Utility Site Point
- Misc. Line
- Railroads
- Roads
- Trail
- Transportation Structure
- Utility Line
- Water Structure
- Drainage Line Feature
- River or Stream
- Airports
- Tanks
- Building to Scale
- Contour Line
- Pit or Quarry
- Waterbody
- Wetlands
- Concession
- Lots
- Municipalitiy
- Land Ownership
- Wooded Area
- Conservation Authority
- Conservation Area
- Municipal Park
- Provincial Park
- National Park
- Nature Reserve



Physiography of Southern Ontario

Order No. 20190110198

- 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. 20190110198

- Spot Height
- Railroads
- Roads
- Contour Lines
- Streams
- Lots
- Pit or Quarry
- Airports
- Wetlands
- Waterbody

Soils Report

Soil Map Units Found within 2000 m of

131 Eglinton Avenue East, Mississauga, ON, L4Z 1B2

Order ID: 20190110198

Soil ID: OND024075427

Component No : 1 | **Components(%)** : 60 | **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: OND024075427

Component No : 2 | **Components(%)** : 40 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly 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 |

Soil ID: OND024075443

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 |

Soil ID: OND024075468
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **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 |

Soil ID: OND024075453
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : 1.2 | **Slop Length(m)** : -9 | **Drainage** : Very 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** : None | **Field Crops Capability** : None | **First CLI Limitation Subclass** : None | **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 |

Soil ID: OND024075447
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 |

Soil ID: OND024075482
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 |

Soil ID: OND024075258
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Nonstony | **Slop Steepness(%)** : None | **Slop Length(m)** : -9 | **Drainage** : Poorly | **Hydrological Soil Groups** : None | **Soil Texture of A Horizon** : None | **Field Crops Capability** : Very severe limitations preclude annual cultivation; improvements feasible. | **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 |

Soil ID: OND024075460
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 |

Soil ID: OND024075467
Component No : 1 | **Components(%)** : 60 | **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: OND024075467
Component No : 2 | **Components(%)** : 40 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly 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 |

Soil ID: OND024075410
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Nonstony | **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** : None | **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: OND024075434
Component No : 2 | **Components(%)** : 40 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly 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 |

Soil ID: OND024075434
Component No : 1 | **Components(%)** : 60 | **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: OND024075425
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Nonstony | **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** : None | **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: OND024075417
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **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 | **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 |

Soil ID: OND024075416
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 |

Soil ID: OND024075448
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 |

Soil ID: OND024075451
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Nonstony | **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** : None | **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: OND024075430
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONJDD~~~~~A | **Surface Stoniness Class** : Nonstony | **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** : None | **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 |

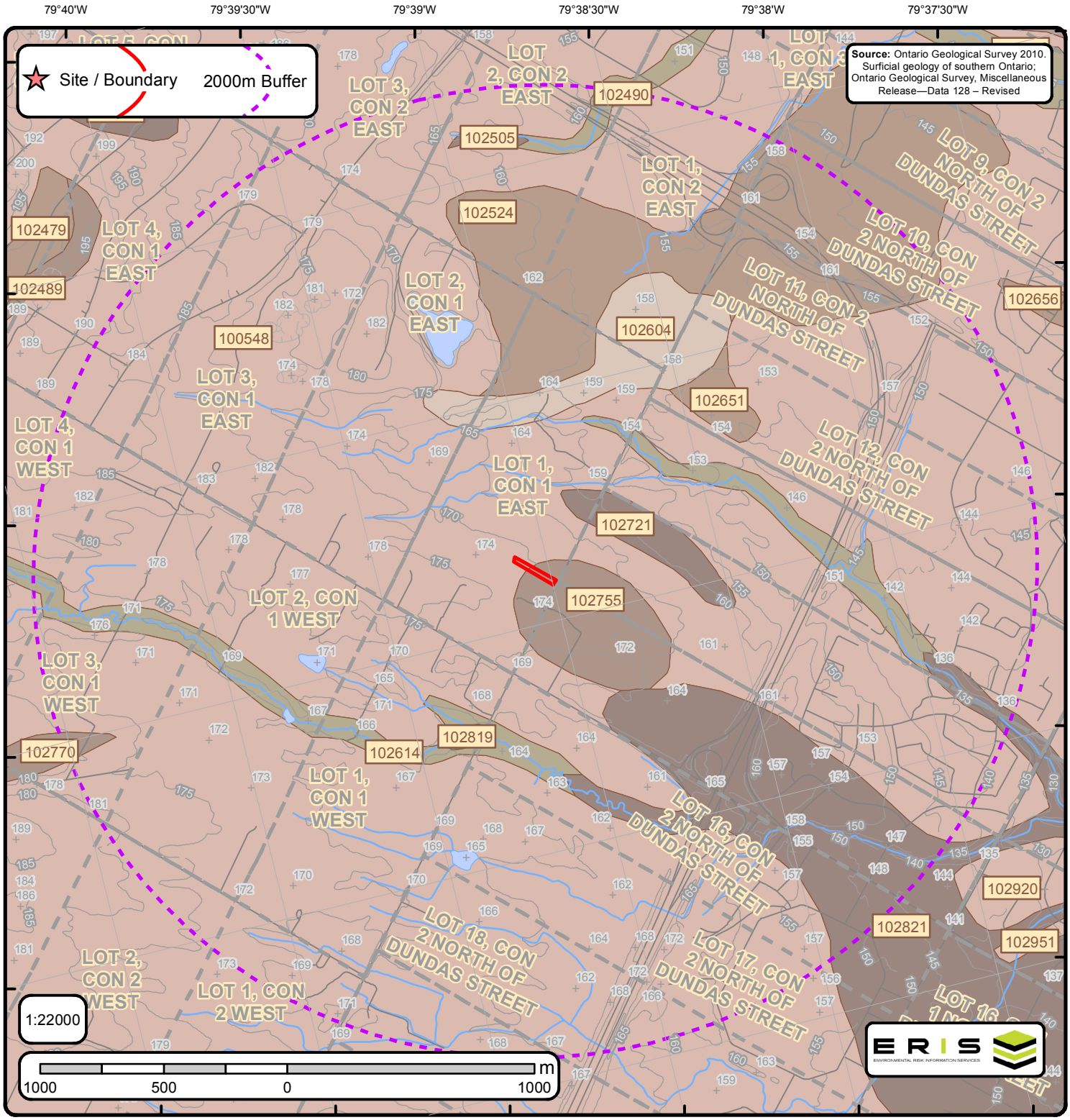
Soil ID: OND024075419
Component No : 2 | **Components(%)** : 40 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 7.0 | **Slop Length(m)** : -9 | **Drainage** : Well | **Hydrological Soil Groups** : Soils with slow infiltration rates when thoroughly 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 |

Soil ID: OND024075419
Component No : 1 | **Components(%)** : 60 | **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: OND024076004
Component No : 2 | **Components(%)** : 40 | **Soil Name ID** : ONOID~~~~~A | **Surface Stoniness Class** : Slightly 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 |

Soil ID: OND024076004
Component No : 1 | **Components(%)** : 60 | **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: OND024075408
Component No : 1 | **Components(%)** : 100 | **Soil Name ID** : ONZUN~~~~~N | **Surface Stoniness Class** : Slightly stony | **Slop Steepness(%)** : 3.5 | **Slop Length(m)** : -9 | **Drainage** : Imperfectly | **Hydrological Soil Groups** : Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures. | **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 | **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 |



The Surficial Geology of Southern Ontario

Order No. 20190110198

- Spot Height
- Waterbody
- Wetlands
- Airports
- Pit or Quarry
- Lots
- Streams
- Contour Lines
- Roads
- Railroads
- Morains
- Dune
- Lake
- Rib
- Scab
- Slide
- NOF Dune
- Beach
- Bluff
- Crevasse
- Crest
- End
- Escarpment
- Esker
- Esker ND
- Fluvial DL
- fluvndl
- iceberg
- icslope
- karst
- linfeat
- megarip
- mfluvdl
- mfluvndl
- moraine
- pitsg
- popup
- ribl
- slidel
- slumpb
- terrace

Surface Geology Report

Surface Geology units found within 2000 m of
131 Eglinton Avenue East, Mississauga, ON, L4Z 1B2

Order ID: 20190110198

ID: 100548 | **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: 102490 | **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: 102505 | **Unit Name:** Bedrock |
Deposit Type Code: 1 | **Deposit Age:** Paleozoic | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Exposed Or Thin Drift Covered Shale And Dolostone

ID: 102524 | **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: 102604 | **Unit Name:** Organic Deposits |
Deposit Type Code: 15 | **Deposit Age:** Recent | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** organic deposits | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** wetland | **Primary General Modifier:** | **Veneer:** | **Episode:** Hudson | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Peat, Muck

ID: 102614 | **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: 102651 | **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: 102674 | **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: 102721 | **Unit Name:** Bedrock |
Deposit Type Code: 1 | **Deposit Age:** Paleozoic | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Exposed Or Thin Drift Covered Shale And Dolostone

ID: 102755 | **Unit Name:** Ice-contact Deposits |
Deposit Type Code: 7 | **Deposit Age:** Late Wisconsinan | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** gravel | **Primary General:** glaciofluvial | **Primary General Modifier:** ice-contact | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Predominantly Poorly Sorted Sand

ID: 102770 | **Unit Name:** Ice-contact Deposits |
Deposit Type Code: 7 | **Deposit Age:** Late Wisconsinan | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** sand | **Primary Material Modifier:** | **Secondary Material:** gravel | **Primary General:** glaciofluvial | **Primary General Modifier:** ice-contact | **Veneer:** | **Episode:** Wisconsin | **Sub Episode:** Michigan | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** High | **Material Description:** Predominantly Poorly Sorted Sand

ID: 102819 | **Unit Name:** Bedrock |
Deposit Type Code: 1 | **Deposit Age:** Paleozoic | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Exposed Or Thin Drift Covered Shale And Dolostone

ID: 102821 | **Unit Name:** Bedrock |
Deposit Type Code: 1 | **Deposit Age:** Paleozoic | **Map Number:** p3171 | **Map Name:** Brampton | **Source Map Scale:** 1:50 000 | **Primary Material:** Paleozoic Bedrock | **Primary Material Modifier:** | **Secondary Material:** | **Primary General:** | **Primary General Modifier:** | **Veneer:** clay, silt, sand, gravel, diamicton | **Episode:** | **Sub Episode:** | **Phase:** | **Stratus Modifier:** Surface | **Provenance:** | **Carbon Content:** | **Formation:** | **Permeability:** Variable | **Material Description:** Exposed Or Thin Drift Covered Shale And Dolostone

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'.