



# Terraprobe

Consulting Geotechnical & Environmental Engineering  
Construction Materials Inspection & Testing

**PHASE ONE  
ENVIRONMENTAL SITE ASSESSMENT  
WEST HALF LOT 21, CONCESSION 9 (ESQUESING)  
GLEN WILLIAMS, ONTARIO**

**Prepared for:** 2147925 Ontario Inc.  
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File No 1-18-0438-41  
November 14, 2019  
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## 1.0 EXECUTIVE SUMMARY

Terraprobe Inc. (Terraprobe) was retained by 2147925 Ontario Inc. to complete a Phase One Environmental Site Assessment (ESA) of the property (herein referred to as “Property or Phase One Property”) located to the northwest of Georgetown on Part of the West Half of Lot 21, Concession 9 (Esquensing), Hamlet of Glen Williams, in the Regional Municipality of Halton, Ontario.

The Property is situated approximately 60 metres east of Eighth Line and approximately 110 metres north of Wildwood Road, in Glen Williams, Halton, Ontario. The Site is roughly rectangular in shape and covers an area of approximately 6.88 hectares (17.2 acres). The Site is currently undeveloped, agricultural land, access to the Property is via McMaster Street and Meagan Drive. The surrounding area is predominantly residential and agricultural in land use. The Property is currently agricultural in land use per Ontario Regulation 153/04 (O.Reg.153/04).

It is understood that the proposed site development envisages a total of thirty-two (32) single detached lots, serviced by an internal roadway. The development would be serviced with municipal water and storm and sanitary sewers.

The Phase One Environmental Site Assessment (ESA) is required to be completed in accordance with Ontario Regulation 153/04, as amended, as a condition for proposed amendments to the Zoning Bylaw.

The Phase One ESA involved the following main tasks:

- Review of Ontario Ministry of Environment publications including the Ontario Inventory of PCB Storage Sites and the Ontario Waste Disposal Site Inventory;
- Review of available ownership/occupancy records for the subject site;
- Review of historic air photo, maps, surficial/bedrock geologic information, and various information available from Regulatory Agencies;
- Interviews with available individuals having some knowledge of current and/or historical site activities;
- A reconnaissance inspection of the Property; and
- Evaluation of the information and documentation.

The Phase One ESA did not identify any Area of Potential Environmental Concern on the Property. A Phase Two Environmental Site Assessment is not required.



## 2.0 INTRODUCTION

Terraprobe Inc. (Terraprobe) was retained by 2147925 Ontario Inc. to complete a Phase One Environmental Site Assessment (ESA) of the property (herein referred to as “Property”) located to the northwest of Georgetown on Part of the West Half of Lot 21, Concession 9 (Esquesing), Hamlet of Glen Williams, in the Regional Municipality of Halton, Ontario.

The general location of the Property is presented in the Phase One Property Location (Figure 1).

## 2.1 Phase One Property Information

The Property information is provided as below.

<b>Legal Description</b>	Pt Lt 21 Con 9 Esq, as in Pts 1 & 2 20R11096, S & E Pts 1 to 3 20R14537 & Pt 1 20R17552
<b>PIN</b>	<ul style="list-style-type: none"><li>• 25012-0226 (LT)</li></ul>
<b>Municipal Address</b>	<ul style="list-style-type: none"><li>• w/s McMaster Street, Georgetown</li></ul>
<b>Zoning</b>	D - Development
<b>Property Owner Information</b>	2147925 Ontario Inc.

## 2.2 Site Description

The Property is located at the West Half of Lot 21, Concession 9 (Esquesing), in the Hamlet of Glen Williams, Halton, Ontario. Access to the Property is via McMaster Street and Meagan Drive.

The Property is situated approximately 60 metres east of Eighth Line and approximately 110 metres north of Wildwood Road, in Glen Williams, Halton, Ontario. The Site is roughly rectangular in shape and covers an area of approximately 6.88 hectares (17.2 acres). The Site is currently undeveloped, agricultural land, access to the Property is via McMaster Street and Meagan Drive. The surrounding area is predominantly residential and agricultural in land use. The Property is currently agricultural in land use per Ontario Regulation 153/04 (O.Reg.153/04). Site features are presented in Figure 2. Site photographs are shown in Appendix A. The site survey is shown in Appendix B.

## 2.3 Buildings

The Property is currently undeveloped, agricultural land.



## **2.4 Purpose of Investigation**

It is understood that the proposed site development envisages a total of thirty-two (32) single detached lots, serviced by an internal public roadway. The development would be serviced with municipal water and storm and sanitary sewers. The Phase One Environmental Site Assessment (ESA) is required to be completed in accordance with Ontario Regulation 153/04, as amended, as a condition for proposed amendments to the Zoning Bylaw.

The objective of the Phase One ESA was as follows:

- To assess the environmental condition of the Property.
- To identify potentially contaminating activities within the Study Area.
- Based on the above, to identify issues of obvious or potential environmental concern with respect to the Property.

### **Current Land Use**

The Property is currently undeveloped, agricultural land. Under the Ministry of the Environment, Conservation and Parks and in accordance with the applicable environmental regulation (Ontario Regulation 153/04), the current use of the Property is considered agricultural land use.

### **Future Land Use**

It is understood that the Property is proposed to be developed for residential purposes. Based on the Preliminary Concept Development Plan dated August 2018 prepared by Condeland Consulting Engineers & Project Managers, we understand that the proposed site development envisages a total of thirty-two (32) single detached lots, serviced by an internal roadway. The development would be serviced with municipal water and storm and sanitary sewers. Under O.Reg.153/04 the future land use of the Property would be considered residential land use.

The Phase One ESA was completed to satisfy the intent of the requirements, methodology, and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended).



### **3.0 SCOPE OF INVESTIGATION**

The Phase One ESA involved the following principal tasks:

- Review of Ontario Ministry of Environment publications including the Ontario Inventory of PCB Storage Sites and the Ontario Waste Disposal Site Inventory;
- Review of available ownership/occupancy records for the subject site;
- Review of historic air photo, maps, surficial/bedrock geologic information, and various information available from Regulatory Agencies;
- Interviews with available individuals having some knowledge of current and/or historical site activities;
- An inspection of the Property and observation of the Study Area;
- Evaluation of the information and documentation

The information on the Property and Study Area is summarized in this report. Sampling and analysis of soil, ground water, or other materials (e.g., construction materials, air) were not carried out as part of the investigation.

### **3.1 Records Review**

The records review provides information on historical and current activities. The objectives of the records review were as follows:

- To obtain and review records that relate to the current and past uses, site features and activities at the Property.
- To obtain and review records that relate to potentially contaminating activities, water bodies, and areas of natural significance in the Study Area (in addition to the Property).
- Based on the above, to provide an assessment of actual and potential contaminating activities and concerns with respect to the environmental condition of the Property.

The following sources of information were reviewed:

- Archival information for the site including aerial photographs, topographic maps, historical maps and drawings.
- Site-specific environmental reports and/or company records (e.g., Certificates of Approval, waste generator registration, approvals, and permits) provided to Terraprobe.
- Geological and hydrogeological information in published government maps and/or reports.
- Databases maintained by EcoLog ERIS containing environmentally related information from private, provincial, and federal sources.
- Fire insurance plans and insurance inspection reports (and related plans).
- Published Ontario Ministry of the Environment, Conservation and Parks (MECP) directories related to registered PCB storage sites and active and closed landfill sites.



- The Ontario Ministry of Natural Resources and Forestry (MNRF) Natural Heritage Information Centre database for information specific to natural areas, such as locations of environmentally sensitive areas.
- Published information regarding an Official Plan for the area.
- Sensitivity mapping by the local Conservation Authority.

### **3.2 Interviews**

The objectives of the interview were:

- To obtain information to assist in determining if an area of potential environmental concern exists.
- To identify details of potentially contaminating activities or potential contaminant pathways in, on or under the Property.

Key personnel were interviewed and asked questions related to specific site activities, such as:

- The nature of the operations.
- Handling and storage of environmentally sensitive products and related wastes.
- Environmental approvals and registrations.
- Knowledge of previous reports related to the environmental condition of the Property.
- Issues related to non-compliance, orders, or charges related to environmental conditions on the Property.

### **3.3 Site Reconnaissance**

The objectives of the site reconnaissance were:

- To identify potential environmental concerns based on observations of current and past uses, and potentially contaminating activities at the Property and in the Study Area.
- To identify potential pathways for contamination at the Property and Study Area.

The site reconnaissance included a review of issues of potential environmental concern, including the following:

- Activities and practices including site operations, processes and waste management currently carried out on the Property.
- Evidence of past waste disposal, landfill or fill placement on the Property.
- The presence of hazardous or toxic chemicals, materials or processes.
- The presence of existing or former above ground or underground fuel storage tanks.
- Identification of heating and cooling systems.
- The presence of floor cracks, hydraulic hoists, elevators, sumps and drains, wells, pits and lagoons.





- Identification of water supply source to the Property.
- The presence of various designated substances and building materials, including friable and non-friable asbestos, PCB-containing materials and electrical equipment, lead-based paint, mould, and chlorofluorocarbons (CFCs) in air-conditioning and refrigeration equipment.
- Evidence of stained or odorous soils and stressed vegetation.

In addition, an inspection of adjacent properties within the Study Area (identified in Section 4.1.1) was completed to assess the potential for operations being carried out on those properties to impact on the environmental condition of the Property. The inspection of adjacent properties was limited to inspection from the Property boundaries and public areas (roads, sidewalks, etc.).

### **3.4 Documentation and Evaluation of Information**

The information obtained from the records review, interviews and site reconnaissance was described, documented and evaluated as summarized below:

- Documentation of information, as noted in subsequent sections of the report.
- Description of potentially contaminating activities.
- Description of areas of potential environmental concern.
- Development of a Phase One Conceptual Site Model.
- Discussion of the need, if any, for further investigation.



## **4.0 RECORDS REVIEW**

### **4.1 General**

#### **4.1.1 Phase One Study Area Determination**

The Phase One Study Area (Study Area) consisted of properties located within a 250 m radius of the Property. Residential properties were located to the northeast, south, west and east. Agricultural properties were located to the north and northwest. The Phase One Study Area is shown on Figure 3.

Based on the historical property use and development on the Property and surrounding area, it was determined that a 250 m study area around the Property was sufficient to identify issues of potential environmental concern that could potentially impact on the environmental condition of the Property.

#### **4.1.2 First Developed Use Determination**

The determination of first developed use was based on a review of historical documentation regarding the Phase One Property. A review of historical records indicated that the Phase One Property was owned by private individuals since 1829. The Property was owned by various individuals until 1891, when the Property was purchased by Canadian National Railway Company (Formerly Grand Trunk Railway Corporation of Canada). Subsequently the Property was owned by various individuals and corporate entities until the current owner, 2147925 Ontario Inc., obtained the Property in 2007. Historical aerial photograph suggested that the Property has been utilized for agricultural land use at least since 1954.

#### **4.1.3 Fire Insurance Plans and Insurance Inspection Reports**

Fire Insurance Plans (FIPs) were searched through online and published resources for the Property. No insurance inspection reports or FIPs were found for the Property.

#### **4.1.4 Chain of Title**

- A chain of title search for the Property dating back to Crown ownership was completed. Site ownership records dating back to 1829 were reviewed. The Property was owned by private individuals since 1829.
- The Property was owned by various individuals until 1891, when the Property was purchased by Canadian National Railway Company (Formerly Grand Trunk Railway Corporation of Canada).
- Subsequently the Property was owned by various individuals and corporate entities until the current owner, 2147925 Ontario Inc., obtained the Property in 2007.

The results of the title search are presented in Appendix C.



### **4.1.5 City Directory Search**

Available city directories were reviewed for the Property and adjacent properties. The full search results can be found in Appendix D.

No potentially contaminating activities (PCAs) were identified in the City Directory Information.

### **4.1.6 Environmental Reports**

A preliminary hydrogeologic study for the Property, completed by Terraprobe in 2006 to assess the soil and ground water conditions at the Property, entitled “*Preliminary Hydrogeological Assessment, Proposed Residential Subdivision, Part of West Half of Lot 21, Concession 9 (Esquesing), Hamlet of Glen Williams, Regional Municipality of Halton*” File # 1-91-0198, was reviewed as part of the Phase One Environmental Assessment.

The investigation consisted of the completion of eleven (11) test pits to depths of approximately 3 to 4 m below ground surface, across the site in 1991. The purpose of the study was to assess the following:

- The shallow soil and ground water conditions as they relate to the design and construction of septic tank and tile field systems.
- The potential effect of tile fields on local ground water quality and nearby residential water supplies (wells).

No environmental soil or ground water quality assessment was carried out as part of the investigation as such, no PCAs were identified in the Reports available for review.

## **4.2 Environmental Source Information**

### **4.2.1 EcoLog ERIS**

EcoLog Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information. A search of the EcoLog ERIS Ltd. databases was requested for the Property and Study Area. Records of environmental concern were not found for the Phase One Property and the Study Area. The ERIS Report is provided in Appendix E.

No potentially contaminating activities (PCAs) were identified in the ERIS report.

### **4.2.2 Other Source Information**

Other environmental source information was searched as part of the Phase One ESA. The information that was searched included:



- Freedom of Information (FOI) request to the Ontario Ministry of the Environment, Conservation and Parks (MECP). The FOI request determines if information regarding orders, investigations or other information on file with respect to the Property.
- Technical Standards and Safety Authority (TSSA) was contacted in regards to records related to storage tanks for petroleum related products with respect to the Property
- The local Conservation Authority was contacted to determine if the Property was considered regulated under the Conservation Authorities Act and Ontario Regulations 42/06, 146/06 to 182/06 and 97/04.
- Municipal Zoning and Official Plan information was reviewed

The information requests and responses are provided in Appendix F and are summarized below:

Information Request	Response
MECP FOI	<p>A written request was submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP), Freedom of Information Office to determine if there is information regarding orders, investigations, or other information on file with respect to the Phase One Property. This includes a search for information regarding parameters such as air emissions, water, sewage, wastewater, and pesticides. A response from the MECP was received on August 27, 2018, Property indicating that no records were located for the Property.</p> <p>In addition, information from the Ontario Ministry of the Environment was reviewed as part of the Ecolog ERIS database search, which is summarized in Section 4.2.1. In particular, information on Certificates of Approval, Compliance, and Convictions, Waste Disposal Sites, PCB Storage Sites, and Waste Generators were reviewed.</p>
MECP PCB Storage Sites and Landfill Sites	<p>Directories published by the MECP related to waste disposal sites [Ref. 8] and PCB storage sites [Ref. 7], and the Brownfields Environmental Site Registry was reviewed.</p> <p>No records of waste disposal sites were present on the Property and within the Study Area.</p> <p>No records of PCB storage sites were present on the Property and within the Study Area.</p>
TSSA	<p>The Technical Standards and Safety Authority (TSSA) maintain records related to storage tanks for petroleum-related products. The TSSA was contacted to review records related to the Phase One Property and Study Area.</p> <p>The response from TSSA indicates that they have no record of any fuel storage tanks at the Property.</p>
Conservation Authority	<p>The Property is located within Credit Valley Conservation (CVC) Area. The Credit Valley Conservation Authority (CVC) website was accessed on August 2, 2018. It was indicated that a portion of Lot 21 of the proposed development is regulated by CVC.</p>
Zoning	<p>The Town of Halton Hills Official Plan – Secondary Plans was reviewed. The Property is zoned “<i>Hamlet Residential Area</i>”.</p>

No potentially contaminating activities were identified from the regulatory responses.



## 4.3 Physical Setting Sources

### 4.3.1 Aerial Photographs

Aerial photographs, satellite imagery and historic maps were reviewed. Aerial photographs, satellite images and historic maps were selected based on available dates and scale in order to provide as much information as reasonably practical regarding the development of the Property and Study Area from first developed land use until the present development of the Property. The state of development of the Property and Study Area is summarized in below. A selection of aerial photographs and historic maps are presented in Appendix G.

Date	Source	Subject Property	Surrounding Area
1954	Aerial Photograph	The Property appears to be vacant agricultural land.	The surrounding properties appeared to be agricultural land. A railroad line can be seen running along the east edge of the property.
1971	Aerial Photograph	No significant changes.	No significant changes.
1987	Aerial Photograph	No significant changes.	The surrounding properties to the south and west have been developed into residential lots. Railroad line appears to have been abandoned.
1999	Town of Halton Hills	No significant changes.	The surrounding properties to the east have been developed into residential lots. Railroad line has been completely removed.
2002	Town of Halton Hills	No significant changes.	No significant changes.
2007	Town of Halton Hills	No significant changes.	No significant changes.
2011	Town of Halton Hills	No significant changes.	No significant changes.
2013	Town of Halton Hills	No significant changes.	No significant changes.
2017	Town of Halton Hills	No significant changes.	No significant changes.

Based on a review of aerial photographs, the Property has been used for agricultural purposes since at least 1950's. There is no evidence of the use of the Property or adjacent properties as orchards, nurseries, or greenhouses. One potentially contaminating activity was identified in the aerial photographs.

No potentially contaminating activities were identified in the aerial photographs.

Location of PCA	PCA	Details
Adjacent east edge of Property	#46 – Rail Yards, Track and Spurs	Based on the aerial photo graphs the tracks were removed in the late 1980's, early 1990's to allow the construction of residential lots along the eastern boundary of the Property as such, no potential environmental concern is anticipated

### 4.3.2 Topography Hydrology, Geology

A topographic map from the Ontario Ministry of Natural Resources and Forestry (MNRF) and the geological mapping produced by the Ontario Ministry of Northern Development and Mines - *Ontario*



Geological Survey was reviewed. The information gleaned from the mapping is summarized below. The maps are provided in Appendix H.

<b>Topography</b>	Topography of the Site is relatively flat with slight slopes towards the north and south towards Eighth Line. The total elevation drop across the Site is in the order of 4 m. The southwest corner of the Property has an elevation of 271 masl that increases to approximately 275 masl to the northeast and remains consistent to the east and west. The Property is approximately 200 m above the level of Lake Ontario.
<b>Hydrogeology</b>	There are no watercourses present on the Site. The closest natural surface water feature to the Site is Credit River West Branch (fed by Silver Creek), which is located approximately 300 m southwest of the Property. The regional ground water flow at the Site is expected to be in a southwestward direction towards Credit River West Branch, ultimately flowing south towards Lake Ontario. Locally, near-surface ground water flow may be influenced by underground structures (e.g., service trenches).
<b>Geology (overburden)</b>	Based on published geological information for the area, the overburden on the southeast portion of the Property consists of Paleozoic bedrock, which is comprised of undifferentiated carbonate and clastic sedimentary rock (2). The remainder of the site is covered in Till, which is comprised clay to silt-textured till (5d).
<b>Geology (bedrock)</b>	The bedrock on the Property is of the Queenston Formation, which is comprised of shale, siltstone, minor limestone and sandstone (55a).
<b>Geology (depth to bedrock)</b>	Based on historic borehole information available from the MNR and Water Well Records in the vicinity from the MECP the depth to bedrock in the area of the Property is approximately 4 to 6 metres below ground surface.

### 4.3.3 Fill Materials

The Property is noted to be at grade with surrounding lands. No evidence of fill material was observed onsite.

### 4.3.4 Water Bodies and Areas of Natural Significance

Mapping from the Ontario Ministry of Natural Resources and Forestry (MNRF) was reviewed to determine if water bodies were present on the Property and within the Study Area. The Ontario Ministry of Natural Resources National Heritage Information Centre database for listings of Areas of Natural or Scientific Interest (ANSIs) was reviewed. The information is summarized below.

<b>Water Bodies (Property)</b>	<ul style="list-style-type: none"> <li>No water bodies were identified on the Property.</li> </ul>
<b>Water Bodies (Study Area)</b>	<ul style="list-style-type: none"> <li>Credit River West Branch – located approximately 300 m to the southwest of the Property.</li> </ul>



<b>Wetland (Property)</b>	<p><u>Provincially Significant</u></p> <ul style="list-style-type: none"> <li>No Provincially Significant wetlands are present on the Property.</li> </ul> <p><u>Non- Provincially Significant</u></p> <ul style="list-style-type: none"> <li>No Non- Provincially Significant wetlands are present on the Property.</li> </ul> <p><u>Unevaluated</u></p> <ul style="list-style-type: none"> <li>No Unevaluated wetlands are present on the Property.</li> </ul>
<b>Wetland (Study Area)</b>	<p><u>Provincially Significant</u></p> <ul style="list-style-type: none"> <li>No Provincially Significant wetlands are present in the Study Area.</li> </ul> <p><u>Non- Provincially Significant</u></p> <ul style="list-style-type: none"> <li>No Non- Provincially Significant wetlands are present in the Study Area.</li> </ul> <p><u>Unevaluated</u></p> <ul style="list-style-type: none"> <li>No Unevaluated wetlands are present in the Study Area.</li> </ul>
<b>ANSIs (Property)</b>	<p><u>Provincially Significant Life Science ANSI</u></p> <ul style="list-style-type: none"> <li>No Life Science ANSIs were identified on the Property.</li> </ul> <p><u>Provincially Significant Earth Science ANSI</u></p> <ul style="list-style-type: none"> <li>No Earth Science ANSIs were identified on the Property.</li> </ul>
<b>ANSIs (Study Area)</b>	<p><u>Provincially Significant Life Science ANSI</u></p> <ul style="list-style-type: none"> <li>No Life Science ANSIs were identified in the Study Area.</li> </ul> <p><u>Provincially Significant Earth Science ANSI</u></p> <ul style="list-style-type: none"> <li>No Earth Science ANSIs were identified in the Study Area.</li> </ul>

### 4.3.5 Well Records

The Ontario Ministry of the Environment, Conservation and Parks well records database was searched through EcoLog ERIS and through the Ministry of the Environment online Water Well Database for records located on the Property and in the Study Area (within 250 m). A copy of the Well Records is provided in Appendix I and is summarized below.

<b>Water Wells (Property)</b>	<ul style="list-style-type: none"> <li>Three (3) drinking water wells were located on the Property</li> </ul>
<b>Water Wells (Study Area)</b>	<ul style="list-style-type: none"> <li>Nineteen (19) drinking water wells were located within the Study Area</li> </ul>
<b>Stratigraphy</b>	<ul style="list-style-type: none"> <li>Majority of the wells consisted of topsoil and clay to depths of approximately 3.6 to 8.2 m below ground surface (mbgs), overlaying bedrock, on the Property.</li> </ul>
<b>Depth to Water Table</b>	<ul style="list-style-type: none"> <li>Ranged from approximately 4.5 mbgs on the west to 6.1 mbgs on the east of the Property.</li> </ul>
<b>Depth to Bedrock</b>	<ul style="list-style-type: none"> <li>Ranged from approximately 3.6 mbgs on the west to 8.2 mbgs on the east of the Property.</li> </ul>



#### **4.4 Site Operating Records**

No site operating records were provided for review. Past and current use of The Phase One Property is undeveloped, agricultural land.





## 5.0 INTERVIEWS

One individual was interviewed regarding the Property. The details of the interview are provided below.

<b>Interviewed</b>	Herbert T. Arnold
<b>Date</b>	February 4, 2019
<b>Location of Interview</b>	Not applicable
<b>Method of Interview</b>	E-mail
<b>Reason for Selection</b>	Mr. Arnold is familiar with the Property from approximately 1980, and has acted for the owner(s) since 2000.
<b>Assessment of the Information</b>	The information provided by Mr. Arnold seems accurate.
<b>Relevant Information</b>	Mr. Arnold provided the following information: <ul style="list-style-type: none"><li>• Site has been used as pasture for cattle for more than 50 years.</li><li>• The Property has always been farmed.</li><li>• The Property has never been used for industrial operations, on-site dry cleaning, fuel distribution or storage, or vehicle servicing and/or maintenance.</li></ul>

No other individuals with knowledge of the Property were available for an interview. No potentially contaminating activities were identified based on the information provided in the interview.



## 6.0 SITE RECONNAISSANCE

### 6.1 General Requirements

<b>Date of Investigation</b>	September 6, 2018
<b>Time of Investigation</b>	4 pm
<b>Weather Conditions</b>	overcast, 25°C
<b>Duration of Investigation</b>	1.5 hour
<b>Was the Facility Operating?</b>	No, vacant pasture field
<b>Person(s) Conducting Investigation and Qualifications</b>	Kyle Reed, B.Sc., P.Geo.

### 6.2 Specific Observations at Phase One Property

The site reconnaissance included a walking tour of the Property, as well as compiling written and photographic records. Site features are illustrated on Figure 2, and photographs are presented in Appendix A.

#### 6.2.1 Building Description

No buildings were observed on the Property.

#### 6.2.2 Designated Substances and Other Special Attention Items

The inspection was carried out in accessible areas and included an assessment of the potential presence of the following materials:

- Designated substances (i.e., acrylonitrile, asbestos, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, lead, mercury, silica, vinyl chloride).
- Polychlorinated biphenyls (PCBs).
- Ozone depleting substances.
- Urea-formaldehyde foam insulation (UFFI).
- Special attention items (i.e., mould radioactive materials).

The presence of these materials based on the site reconnaissance is summarized below.



<b>Asbestos</b>	No evidence of asbestos material was observed.
<b>Lead</b>	No suspected lead-based paint or plumbing components were observed during the site inspection.
<b>Mercury</b>	No materials containing mercury were observed during the site inspection.
<b>PCBs</b>	No PCB contacting material was observed during the site inspection.
<b>Ozone Depleting Substances (ODS)</b>	No ozone depleting substances were observed during the site inspection.
<b>UFFI</b>	No UFFI products were observed during the site inspection.
<b>Mould</b>	No mould or areas of excessive dampness were observed during the site inspection.
<b>Radioactive Materials</b>	No manmade sources of radiation were observed during the site inspection.
<b>Herbicides and Pesticides</b>	During the site inspection, no materials containing herbicides or pesticides were observed to be stored at the site.

### 6.2.3 Below Ground Structures

No below ground structures or evidence of historical below ground structures was observed during the site inspection.

### 6.2.4 Above Ground Storage Tanks

No above ground storage tanks or evidence of historical above ground storage tanks was observed during the site inspection.

### 6.2.5 Underground Storage Tanks

No underground storage tanks or evidence of historical underground storage tanks was observed during the site inspection.

### 6.2.6 Exterior Site Conditions

The Property is roughly rectangular in shape and covers an area of approximately 6.88 ha (17.2 acres). The Property is currently undeveloped, agricultural land (vacant pasture field). Additional details of the Property are provided below.

<b>Water Sources</b>	No water sources were observed on the Property.
<b>Current and Former Wells</b>	No wells were observed on the Property. The well records (Section 4.3.5) indicated twenty-two (22) drinking/irrigation wells were located within the Study Area.
<b>Sewage Works</b>	No sewage works were observed.
<b>Railways</b>	No existing rail lines were located on the Property or within the Study Area.
<b>Stained and Odorous Soils</b>	No stained or odorous soils were observed during the site inspection.
<b>Stressed Vegetation</b>	No areas of stressed vegetation were noted during the site inspection.



<b>Underground Utilities and Services</b>	No underground utilities or services were observed during the site inspection.
<b>Fill Materials</b>	No indication of any placement of fill material on the Property was noted.
<b>Watercourses, Ditches or Standing Water</b>	No watercourses, ditches or standing water was observed during the site inspection.

## 6.2.7 Enhanced Investigation Property

The current and historical activities on the Property do not qualify the site as an Enhanced Investigation Property.

## 6.3 Investigation of Phase One Study Area

At the time of the site inspection, the following land uses were noted on the properties immediately adjacent to the Property.

<b>Direction</b>	<b>Land Uses</b>
North	Agricultural
East	Residential, Oak Ridge Drive
South	Residential, Wildwood Road
West	Residential, Eighth Line

The site inspection included a walking tour of the entire Property, as well as compiling written and photographic records. The inspection of the Property and Study Area was conducted by Mr. Kyle Reed, B.Sc. P.Geo. on September 6, 2018.

The Property is located at the West Half of Lot 21, Concession 9 (Esquesing), in the Hamlet of Glen Williams, Halton, Ontario. Access to the Property is via McMaster Street and Meagan Drive.

The Property is roughly rectangular in shape and covers an area of approximately 6.88 ha (17.2 acres). The Property is currently undeveloped, agricultural land (vacant pasture field). The surrounding area is predominantly residential and agricultural in land use.

### 6.3.1 Potentially Contaminating Activity

No potentially contaminating activities were identified from the site reconnaissance.



## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Current and Past Uses

Current and past uses of the Property were determined from historical aerial photographs, fire insurance plans, chain of title documents and city directories. The full list of current and past uses of the Property is provided in Appendix J, in a form approved by the Ontario Ministry of the Environment, Conservation and Parks under O. Reg. 153/04.

### 7.2 Potentially Contaminating Activities

The Phase One Environmental Site Assessment identified the following Potentially Contaminating Activities (PCAs) within the Phase One Property and the Study Area.

Location of PCA	PCA	Potential APEC (yes/no)	Justification
Adjacent east edge of Property	#46 – Rail Yards, Track and Spurs	No	Based on Aerial Photos the tracks were located within the residential properties to the east of the Property and were historically removed as part of the residential development of the surrounding areas. The QP's assessment is that this PCA will not cause an APEC on the Property.

### 7.3 Areas of Potential Environmental Concern

The Potentially Contaminating Activities identified in Section 7.2 were evaluated for their potential to create an Area of Potential Environmental Concern on the Phase One Property through consideration of:

- The type of PCA
- The potential magnitude of the PCA (e.g. small-scale waste generation versus significant commercial activity)
- The Potential Contaminants of Concern (PCoC) associated with the PCA
- The nature of those PCoCs in terms of their mobility in soil, ground water, and sediment as applicable
- The anticipated direction of ground water flow
- The anticipated hydraulic conductivity of saturated media
- The distance between the PCA and the Property

The analysis and rationale used to determine that a particular PCA does not create an APEC is provided in Section 7.2.



## 7.4 Phase One Conceptual Site Model

The Phase One Conceptual Site Model (CSM) is presented in Appendix L which illustrated and includes Figure 1 through Figure 4.

## 7.5 Uncertainty or Absence of Information

The following uncertainties or absence of information may have impact the Phase One Conceptual Site Model:

Component	Uncertainty of Absence of Information	Effect on Phase One CSM
Fire Insurance Plans	No Fire Insurance Plans were found for the study property. As such, there exists no known void or absence of information for this component.	No effect upon the Phase One CSM
Chain of Title	Chain of Title dating back to 1829 ownership was obtained as part of the investigation. As such, there exists no known void or absence of information for this component.	No effect upon the Phase One CSM
Environmental Reports	Previous reports completed by Terraprobe Inc. were reviewed as part of the investigation. As such, there exists no known void or absence of information for this component.	No effect upon the Phase One CSM
Environmental Source Information	Environmental Source Information was searched through a combination of Environmental Risk Information Services (ERIS) and Freedom of Information requests (FOI). As such, there exists no known void or absence of information for this component.	No effect upon the Phase One CSM
Aerial Photographs	Aerial Photographs were obtained from combination federal, provincial, municipal and private sources. The series of air photos selected represent the development of the Phase One Property and Phase One Study Area. As such, there exists no known void or absence of information for this component.	No effect upon the Phase One CSM
Topography, Hydrogeology and Geology	The Topography, Hydrogeology and Geology were evaluated through available resources from the Ministry of Natural Resources and Forestry as well as Water Well Records. As such, there exists no known void or absence of information for this component	No effect upon the Phase One CSM



Component	Uncertainty of Absence of Information	Effect on Phase One CSM
Water Bodies and Areas and Natural Significance	Water Bodies and Areas and Natural Significance were evaluated through available resources from the Ministry of Natural Resources and Forestry, local conservation authorities and the MECP. As such, there exists no known void or absence of information for this component	No effect upon the Phase One CSM
Well Records	Well Records through the summary provided by Environmental Risk Information Services (ERIS) as well as the MECP Water Well Information System (WWIS). As such, there exists no known void or absence of information for this component	No effect upon the Phase One CSM
Site Reconnaissance	Unrestricted access to the Phase One Property was provided during the Site Reconnaissance. As such, there exists no known void or absence of information for this component	No effect upon the Phase One CSM
Interviews	Interviews with persons knowledgeable regarding the current and historic environmental condition of the Phase One Property were conducted. As such, there exists no known void or absence of information for this component	No effect upon the Phase One CSM

Based upon the information obtained, as noted above, it is the belief of the QP<sub>ESA</sub> that there is no known significant uncertainty or absence of information that the Phase One Conceptual Site Model is valid.



## 8.0 CONCLUSIONS

### 8.1 Phase Two ESA Required Before Record of Site Condition

The Phase One ESA identified Potentially Contaminating Activities (PCAs) and is summarized as follows:

#### Off-Site PCAs

- #46 – Rail Yards, Tracks and Spurs. Historical presence of rail tracks adjacent to the eastern boundary of the Property was identified in Aerial Photos and Chain of Title search.

These tracks were located within the residential properties to the east of the Property and were historically removed as part of the residential development of the surrounding areas. The QP's assessment is that this PCA will not cause an APEC on the Property. Based upon the review and evaluation of information gathered from the Phase One ESA, no Area of Potential Environmental Concern (APEC) has been identified on the Phase One Property. As such, a Phase Two Environmental Site Assessment is not required.

### 8.2 Record of Site Condition Based on Phase One ESA Alone (If Required)

Based upon the review and evaluation of the information gathered from the Phase One ESA, a Record of Site Condition can be filed based upon a Phase One ESA alone.

### 8.3 Signatures

The Phase One Environmental Site Assessment has been completed under the direction and supervision of Samuel Oyedokun, P.Eng., PMP., QP<sub>ESA</sub>. The findings and conclusions presented in this report have been determined on the basis of the information that was obtained and reviewed, and on an assessment of the existing conditions on the Phase One Property and properties within the Phase One Study Area.

We trust this report meets with your requirements. Should you have any questions regarding the information presented, please do not hesitate to contact our office.

Yours truly,  
**Terraprobe Inc.**



Alysson Johnson, B.Sc., EIT  
Project Manager



Samuel Oyedokun, P.Eng., PMP., QP<sub>ESA</sub>  
Associate





## 9.0 REFERENCES

1. Armstrong, D.K. and Dodge, J.E.P. *Paleozoic Geology Map of Southern Ontario*. Ontario Geological Survey, Miscellaneous Release--Data 219.
2. Chapman, L.J. and Putnam, D.F. 2007. *The Physiography of Southern Ontario*. Ontario Geological Survey, Miscellaneous Release--Data 228.
3. Gao, C., Shirota, J., Kelly, R. I., Brunton, F.R., van Haaften, S. 2006. Bedrock topography and overburden thickness mapping, southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 207.
4. Town of Halton Hills – Interactive Online Maps <http://maps.haltonhills.ca/HTML5/> Assessed: August 14, 2018.
5. Ontario Geological Survey 2010. *Surficial Geology of Southern Ontario*. Ontario Geological Survey, Miscellaneous Release--Data 128-REV. ISBN 978-1-4435-2483-7
6. Ontario Geological Survey 2006. *Bedrock Topography and Overburden Thickness Mapping, Southern Ontario*. Ontario Geological Survey, Miscellaneous Release—Data 207.
7. Ontario Ministry of the Environment, January 1993. *Ontario Inventory of PCB Storage Sites*. ISBN 0-7778-0836-6.
8. Ontario Ministry of the Environment, June 1991. *Waste Disposal Site Inventory*. ISBN 0-7729-8409-3.



## **10.0 LIMITATIONS AND USE OF THE REPORT**

This report was prepared for the exclusive use of 2147925 Ontario Inc. and is intended to provide an assessment of the environmental condition on the property identified as West Half of Lot 21, Concession 9 (Esquesing), Glen Williams (Georgetown), Ontario.

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. Terraprobe Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report, including consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The assessment should not be considered a comprehensive audit that eliminates all risks of encountering environmental problems. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by Terraprobe Inc. It is based on the conditions on the Phase One property at the time of the site inspection supplemented by a review of historical information to assess the environmental conditions on the Phase One, as reported herein.

Sampling and analysis of soil, ground water or any other material was not carried out as part of this assessment. Consequently, the presence and/or extent of any adverse environmental impact cannot be verified. The potential for environmental liability and/or environmental impact is an opinion that has been arrived at within the scope of this assessment.

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

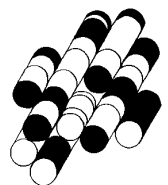
There is no warranty expressed or implied by this report regarding the environmental status of the Phase One. Professional judgement was exercised in gathering and analysing information collected by our staff, as well as that submitted by others. The conclusions presented are the product of professional care and competence, and cannot be construed as an absolute guarantee.


In the event that during future work new information regarding the environmental condition of the Phase One is encountered, or in the event that the outstanding responses from the regulatory agencies indicate outstanding issues on file with respect to the Phase One, Terraprobe Inc. should be notified in order that we may re-evaluate the findings of this assessment and provide amendments, as required.



# FIGURES

**TERRAPROBE INC.**



	Reference:
	Google Earth Pro 2018

Notes:

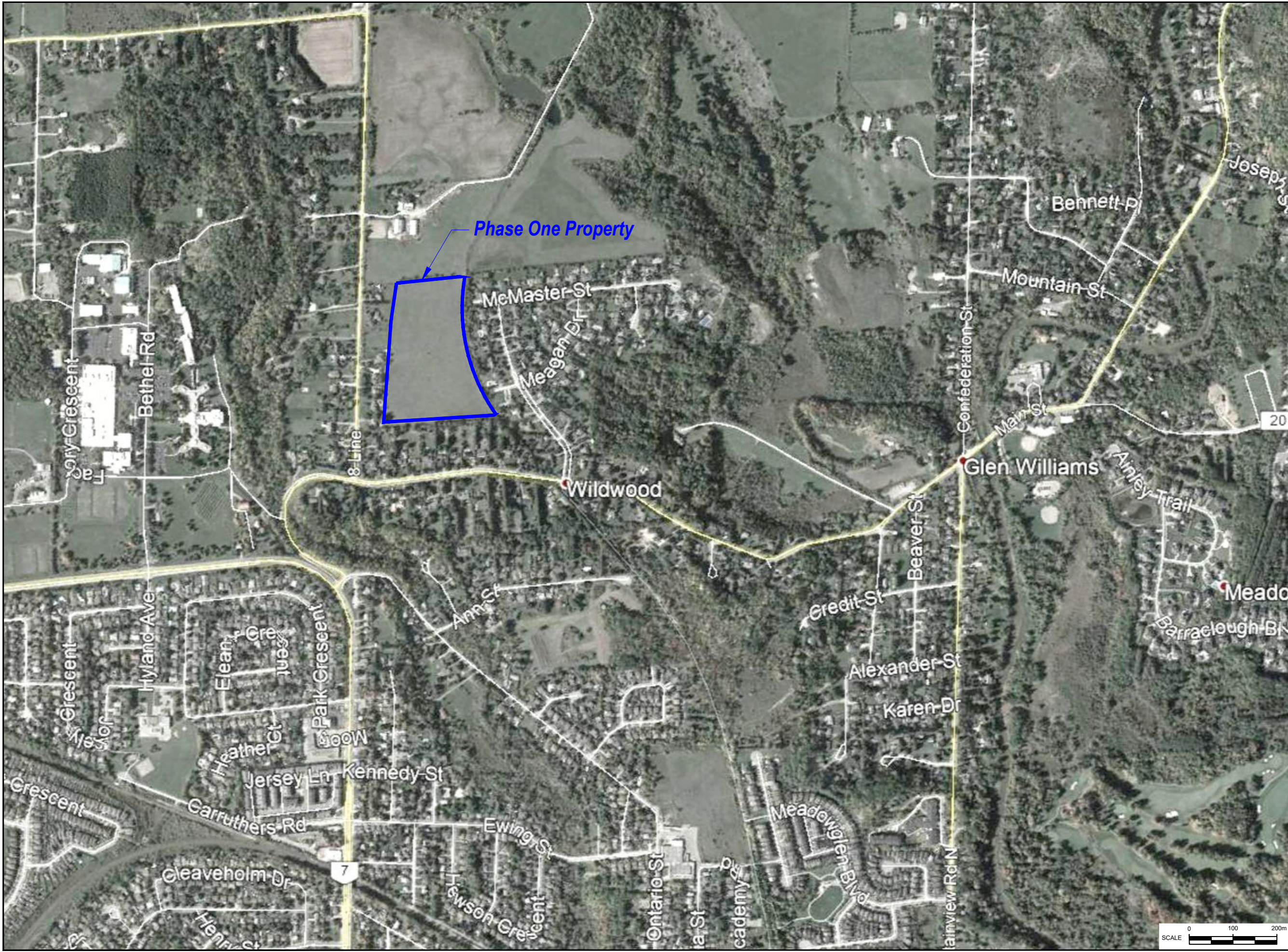
Legend:	
	Phase One Property Boundary

Project Title:  
Phase One Environmental Site Assessment


Site Location:  
West Half Lot 21, Concession 9 (Esquesing),  
Glen Williams, Ontario

Figure Title:  
PHASE ONE PROPERTY LOCATION



Designed By:	KR	File No.:	1-18-0438-41
Drawn By:	JB	Scale:	As Shown
Reviewed By:	SO	Figure No.:	1
Date:	September 2018		



T:\V-Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esquesing), Glen Williams\41 - Phase One ESA.dwg, JB

	<b>Reference:</b>
	Google Earth Pro 2018

**Notes:**

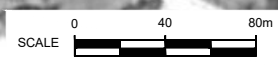
<b>Legend:</b>	
	Phase One Property Boundary
	Phase One Study Area

**Project Title:**  
Phase One Environmental Site Assessment

**Site Location:**  
West Half Lot 21, Concession 9 (Esquesing),  
Glen Williams, Ontario

**Figure Title:**  
PHASE ONE PROPERTY

<b>Designed By:</b> KR	<b>File No.:</b> 1-18-0438-41
<b>Drawn By:</b> JB	<b>Scale:</b> As Shown
<b>Reviewed By:</b> SO	<b>Figure No.:</b> 2
<b>Date:</b> September 2018	



T:\V-Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esquesing), Glen Williams\41 - Phase One ESA\41 - Phase One ESA.dwg, JB

**Notes:**

**Legend:**

	Phase One Property Boundary
	Phase One Study Area
	Residential Land Use
	Community Land Use (Roads)
	Parkland Use
	Agricultural / Other Land Use

**Project Title:**  
 Phase One Environmental Site Assessment

**Site Location:**  
 West Half Lot 21, Concession 9 (Esquesing),  
 Glen Williams, Ontario

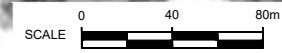
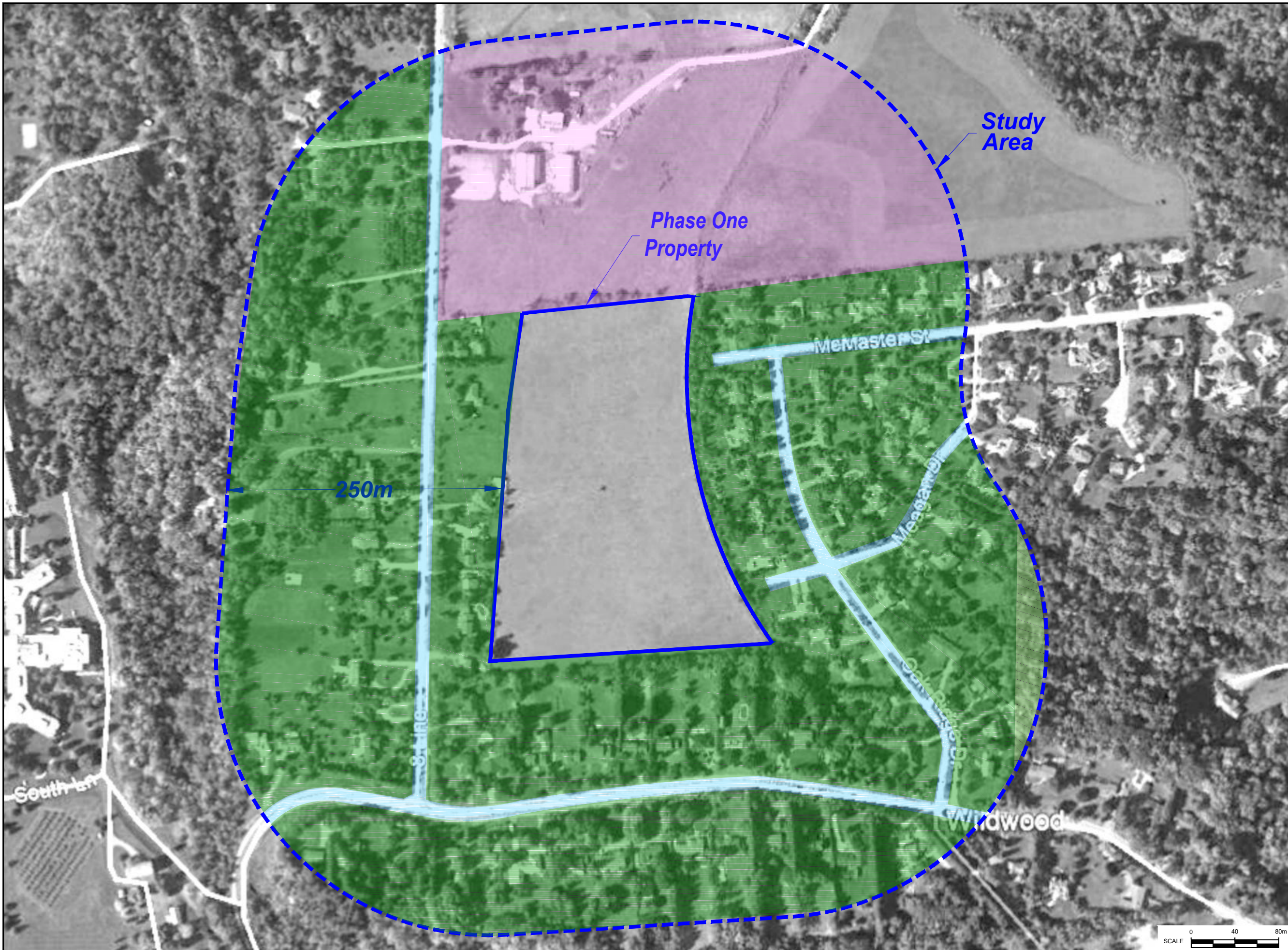
**Figure Title:**  
 PHASE ONE STUDY AREA &  
 ADJACENT LAND USE

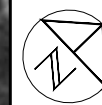
**Designed By:** KR **File No.:** 1-18-0438-41

**Drawn By:** JB **Scale:** As Shown

**Reviewed By:** SO **Figure No.:** 3

**Date:** September 2018





Reference:  
 Google Earth Pro 2018

Notes:  
**PCA** - Potentially Contaminating Activity  
**RED** - PCA causing APEC on Property  
**GREEN** - PCA unlikely to affect Property

Legend:

	Phase One Property Boundary
<b>PCA</b>	Potentially Contaminating Activity
#46	Rail Yards, Tracks Spurs

Project Title:  
 Phase One Environmental Site Assessment

Site Location:  
 West Half Lot 21, Concession 9 (Esquesing),  
 Glen Williams, Ontario

Figure Title:  
 PCA LOCATIONS

Designed By:	KR	File No.:	1-18-0438-41
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Drawn By:	JB	Scale:	As Shown
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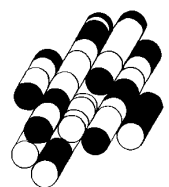
Reviewed By:	SO	Figure No.:	4
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Date:	September 2018
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# APPENDIX A

**TERRAPROBE INC.**







Photograph 1

Location: Subject Property

Viewing: Northwest

Description: Vacant pasture field, showing farm property to the north and residential to the west.



Photograph 2

Location: Subject Property

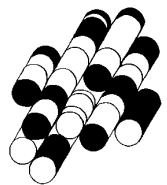
Viewing: Southeast

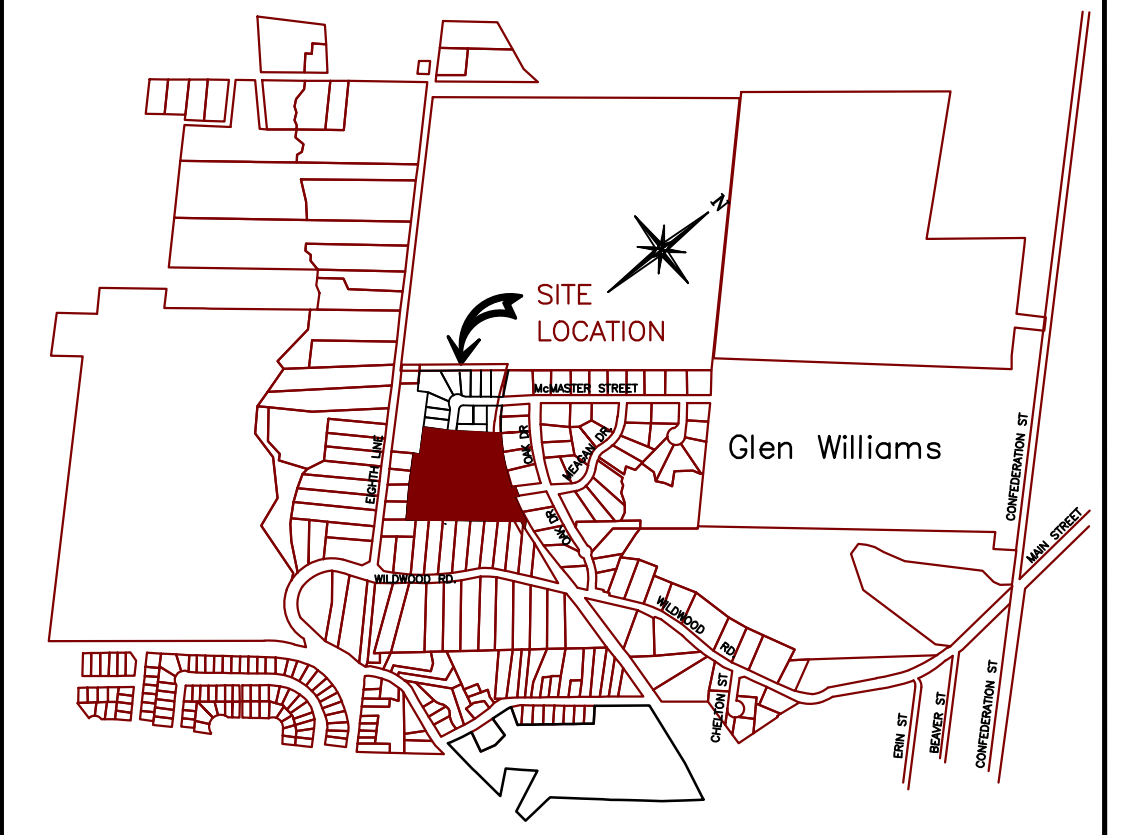
Description: Vacant pasture field.



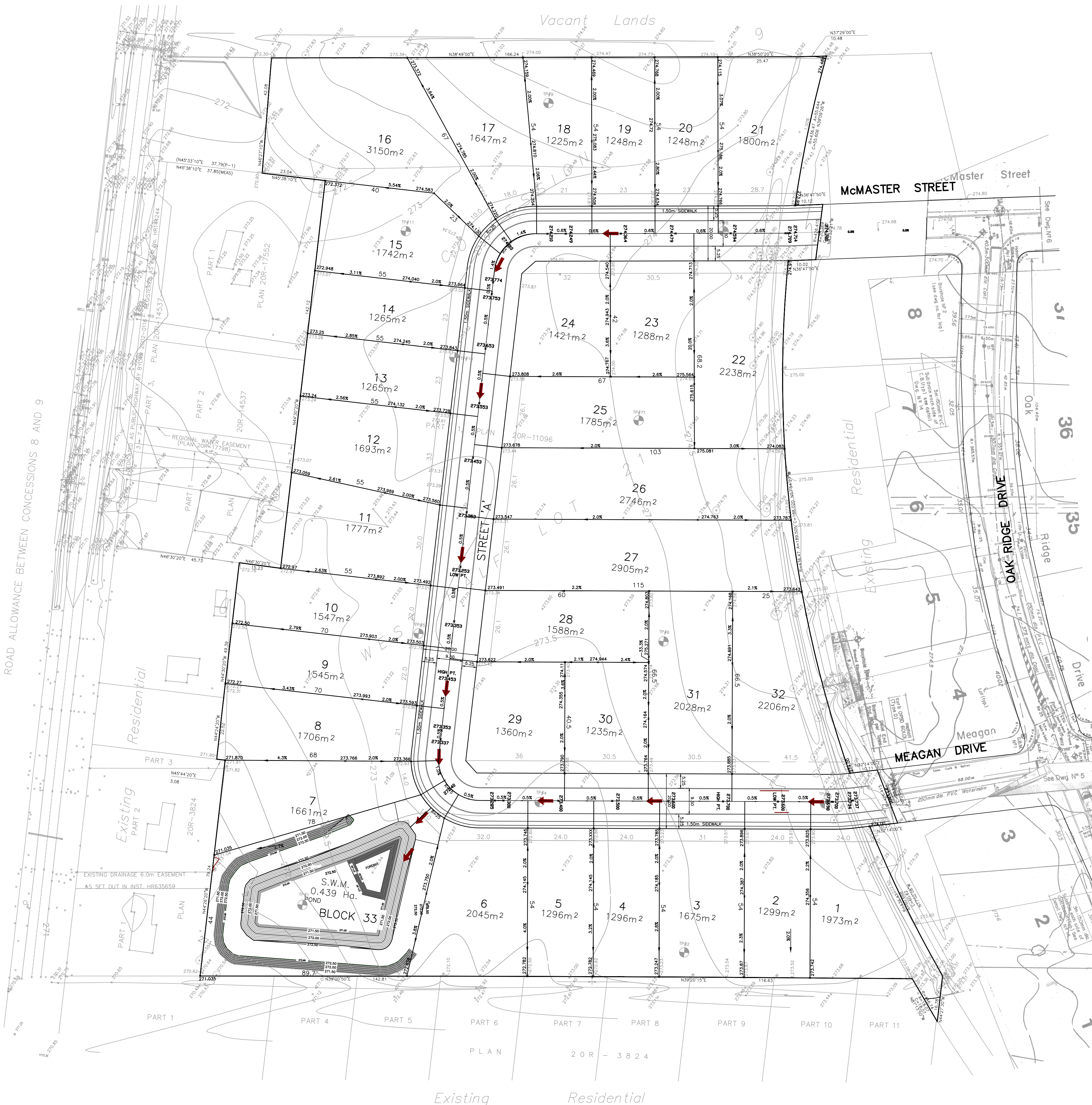
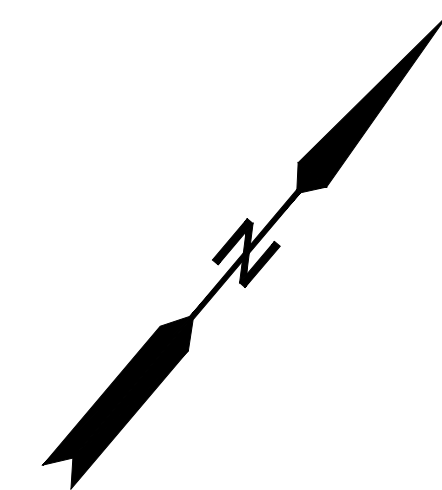
# APPENDIX B

**TERRAPROBE INC.**





Town of Halton Hills  
NOT TO SCALE



# CONCEPTUAL

REVISION BLOCK	DATE	APPR BY

**2147925 ONTARIO INC.**

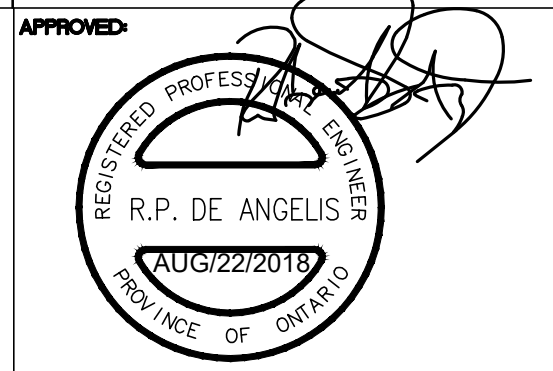
MUNICIPAL  
DESIGN APPROVED SUBJECT TO DETAIL CONSTRUCTION  
CONFORMING TO TOWN OF HALTON HILLS STANDARDS AND  
SPECIFICATIONS.

DESIGNED BY:  
DATE:



REGIONAL MUNICIPALITY OF HALTON  
DESIGN OF WASTEWATER AND WATER SERVICES APPROVED  
SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON  
STANDARDS AND SPECIFICATIONS AND LOCATION APPROVAL  
FROM AREA MUNICIPALITY.

APPROVED:  
DATE:



## CONDELAND

CONSULTING ENGINEERS & PROJECT MANAGERS  
350 Creditstone Road, Unit 200  
Concord, Ontario L4K 3Z2  
P: (905) 695-2096  
F: (905) 695-2099



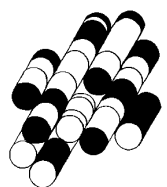
### CONCEPTUAL GRADING PLAN

DESIGNED BY: D.O.H.	DATE: AUGUST 2018	CHECKED BY: MEH.
DRAWN BY: MA.	FIGURE 4	TOWN FILE
SCALES HOR 1/500	080215-04 Sheet 04 OF 17	

21-SAMPLES-V0315-CARLSON-DUMAS-0815-GRADING-FIGURE 4.dwg

# APPENDIX C

**TERRAPROBE INC.**



CHAIN OF TITLE REPORT

Project # 1-18-0438-41  
 Address: w/s McMaster Street, Georgetown  
 Legal Part Lot 21 Con 9 Esq  
 Description: Parts 1 & 2 20R11096  
S & E Pts 1 to 3 20R14537 & Pt 1 20R17552  
 PIN# 25012-0226 (LT)

Searched at: Milton  
 LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	09 06 1829	Crown	Canada Company
749	Deed	01 05 1831	Canada Company	Zacarah WILLIAMS
4782	Deed (Chain 1)	29 01 1852	Zacarah Williams	Charles WILLIAMS
4783	Deed (Chain 2)	29 01 1852	Zacarah Williams	Jacob Irwin WILLIAMS
12044	Deed	05 06 1876	Jacob Irwin Williams - Estate	James BRADLEY
2700	Deed	19 11 1878	Charles Williams	Joseph WILLIAMS
3989	Deed	09 07 1883	James Bradley	Robert IRWIN
451	Deed	29 12 1886	Joseph Williams, A Bankrupt	Charles WILLIAMS & John FORSTERS
5220	Deed	01 09 1887	Charles Williams & John Forsters	Samuel McMASTERS

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project # 1-18-0438-41  
 Address: w/s McMaster Street, Georgetown  
 Legal Part Lot 21 Con 9 Esq  
 Description: Parts 1 & 2 20R11096  
S & E Pts 1 to 3 20R14537 & Pt 1 20R17552  
 PIN# 25012-0226 (LT)

Searched at: Milton  
 LRO #: 20

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
5861	Deed	10 01 1891	Robert Irwin	Grand Trunk Railway Corporation of Canada
5862	Deed	16 01 1891	Samuel McMasters	Grand Trunk Railway Corporation of Canada
2755	Will	05 12 1922	Robert Irwin - Estate	Edward IRWIN & Fred IRWIN
16577	Deed	28 06 1945	Edward Irwin & Fred Irwin	Ernest MILLER
60065	Deed	21 12 1956	Ernest Miller	Russell Thornton MILLER & Geraldine Selma MILLER
226328	Deed	28 06 1967	Russell Thornton Millet & Geraldine Selma Miller	Ernest MILLER
226330	Deed	28 06 1967	Ernest Miller	Lloyd DAVISON & Marguerite DAVISON
723772	Deed (Pt 1 20R9220)	14 06 1989	Canadian National Railway Company (Formerly Grand Trunk Railway Corporation of Canada)	Herbert Thomas ARNOLD, in trust
754131	Deed	14 11 1990	Herbert Thomas Arnold, in trust	Lloyd DAVISON & Marguerite DAVISON

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project # 1-18-0438-41  
 Address: w/s McMaster Street, Georgetown  
 Legal Part Lot 21 Con 9 Esq  
 Description: Parts 1 & 2 20R11096  
S & E Pts 1 to 3 20R14537 & Pt 1 20R17552  
 PIN# 25012-0226 (LT)

Searched at: Milton  
 LRO #: 20

Page 3

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
799536	Deed (Lands in 226330 & 754131)	22 01 1993	Marguerite Davison	Lloyd DAVISON
H545759	Deed	18 05 1993	Lloyd Davison	Muriel Geraldine DEVINS
HR632177	Deed (Present Owner)	28 12 2007	Muriel Geraldine Devins	2147925 Ontario Inc.

LAND  
 REGISTRY  
 OFFICE #20

25012-0226 (LT)

\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

PROPERTY DESCRIPTION:

PT LT 21, CON 9 ESQ, PTS 1 & 2 20R11096, S & E PTS 1 TO 3, 20R14537 & SAVE & EXCEPT PT 1 ON 20R17552; . T/W EASEMENT OVER PT 1 ON 20R17553 AS IN HR635659. EXCEPTING AND RESERVING FROM PART OF SAID LOT 21, DES AS PT 2 ON SAID PLAN 20R11096, THE MINING RIGHTS AS RESERVED IN INSTRUMENT 723772.; TOWN OF HALTON HILLS

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE  
 ABSOLUTE

RECENTLY:

DIVISION FROM 25012-0216

PIN CREATION DATE:

2009/01/08

OWNERS' NAMES

2147925 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
<b>** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2009/01/08 **</b>						
20R11096	1993/04/06	PLAN REFERENCE				C
20R17552	2007/12/14	PLAN REFERENCE				C
HR632177	2007/12/28	TRANSFER REMARKS: PLANNING ACT STATEMENTS	\$910,000	DEVINS, MURIEL GERALDINE	2147925 ONTARIO INC.	C
HR632178	2007/12/28	CHARGE		*** DELETED AGAINST THIS PROPERTY *** 2147925 ONTARIO INC.	DEVINS, MURIEL GERALDINE	
HR718270	2008/11/21	NOTICE		THE REGIONAL MUNICIPALITY OF HALTON		C
HR718271	2008/11/21	POSTPONEMENT REMARKS: HR718270		*** DELETED AGAINST THIS PROPERTY *** DEVINS, MURIEL GERALDINE	THE REGIONAL MUNICIPALITY OF HALTON	
HR718346	2008/11/21	APL ANNEX REST COV REMARKS: NO BUILDING OR STRUCTURE SHALL BE BUILT UPON THE PROPERTY UNTIL THE CORPORATION OF THE TOWN OF HALTON HILLS DEDICATES THE 0.3 METRE RESERVE ALONG MEAGAN DRIVE		2147925 ONTARIO INC.		C
HR1082819	2013/02/20	LR'S ORDER REMARKS: ADDING MINING RIGHT		LAND REGISTRAR		C
HR1084717	2013/03/01	TRANSMISSION CHARGE REMARKS: HR632178.		*** COMPLETELY DELETED *** DEVINS, MURIEL GERALDINE	DEVINS, ANNA YVONNE DEVINS, ROBERT LESLIE	
HR1084738	2013/03/01	CHARGE	\$1,100,000	2147925 ONTARIO INC.	THE TORONTO-DOMINION BANK	C
HR1084977	2013/03/01	DISCH OF CHARGE		*** COMPLETELY DELETED ***		

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.



LAND  
REGISTRY  
OFFICE #20

25012-0226 (LT)

PAGE 2 OF 2  
PREPARED FOR bertuccil  
ON 2018/08/03 AT 09:29:33

\* CERTIFIED IN ACCORDANCE WITH THE LAND TITLES ACT \* SUBJECT TO RESERVATIONS IN CROWN GRANT \*

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
REMARKS: HR632178.				DEVINS, ANNA YVONNE DEVINS, ROBERT LESLIE		



# ServiceOntario

PRINTED ON 03 AUG, 2018 AT 09:30:23  
FOR BERTUCCI1



## PROPERTY INDEX MAP HALTON(No. 20)

### LEGEND

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

**THIS IS NOT A PLAN OF SURVEY**

### NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

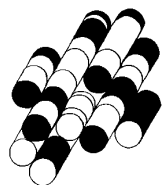
ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



# APPENDIX D

**TERRAPROBE INC.**



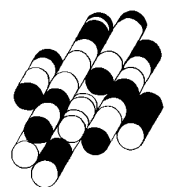
City Directory Search														
1-18-0438-41														
West Half Lot 21, Concession 9 (Esquesing), Glen Williams														
	Eighth Line						McMaster Street	Meagan Drive	Oak Ridge Drive		Wildwood Road			
Year	12070	12075 - 12187	12094	12184	12202 - 12248	12252 & 12282	21 - 29	2 - 15	3 - 25	10	64	70	72	73 -109
2001	Residential/ Commercial	Residential	Residential/ Commercial	Residential	Address Not Listed	Residential	Residential	Residential	Residential	Residential/ Commercial	Residential	Residential/ Commercial	Residential	Residential
1997				Commercial		Address Not Listed							Commercial	
1995	Residential	Address Not Listed	Address Not Listed	Address Not Listed	Address Not Listed	Address Not Listed	Street Not Listed	Street Not Listed	Street Not Listed	Street Not Listed	Commercial	Residential	Residential/ Commercial	Residential
1993	Address Not Listed												Address Not Listed	
1990														
1985														
1981		Street Not Listed												

**References**

- Halton Peel Regions Ontario Criss-Cross Directory - 2001*
- Halton/Peel Regions, Ontario Criss-Cross Directory - 1997*
- Might's Halton Peel Regions Criss-Cross Directory - 1995*
- Might's Suburban Toronto Criss-Cross Directory - 1993*
- Suburban Metro Toronto Criss-Cross Directory - 1990*
- Might's Suburban Metro Toronto Criss-Cross Directory - 1985*
- Might's Toronto Suburban Criss-Cross Directory - 1981*

# APPENDIX E

**TERRAPROBE INC.**



**ERIS**  
ENVIRONMENTAL RISK INFORMATION SERVICES



# DATABASE REPORT

**Project Property:** *West Half of Lot 21, Concession 9, Glen Williams  
n/a  
Georgetown ON  
1-18-0438-41*

**Project No:** *1-18-0438-41*

**Report Type:** *RSC Report - Quote*

**Order No:** *20180731187*

**Requested by:** *Terraprobe Ltd.*

**Date Completed:** *August 7, 2018*

**Environmental Risk  
Information Services**  
A division of Glacier Media Inc.  
P: 1.866.517.5204  
E: [info@erisinfo.com](mailto:info@erisinfo.com)

**[www.erisinfo.com](http://www.erisinfo.com)**

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# Executive Summary

## **Property Information:**

**Project Property:** *West Half of Lot 21, Concession 9, Glen Williams  
n/a Georgetown ON*

**Project No:** *1-18-0438-41*

## **Order Information:**

**Order No:** *20180731187*  
**Date Requested:** *July 31, 2018*  
**Requested by:** *Terraprobe Ltd.*  
**Report Type:** *RSC Report - Quote*

## **Historical/Products:**

**Topographic Map** *Ontario Base Map (OBM)*



## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DRYCLEANERS	<i>Dry Cleaning Facilities</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	1	2
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MISA PENALTY	<i>Environmental Penalty Annual Report</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	3	19	22
<b>Total:</b>			<b>4</b>	<b>21</b>	<b>25</b>

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	EHS		Wildwood Road 12171 Eighth Line, Glen Williams Halton Hills ON	-/0.0	-0.01	<a href="#">13</a>
<a href="#">2</a>	WWIS		lot 21 con 9 ON	-/0.0	-0.22	<a href="#">13</a>
<a href="#">3</a>	WWIS		lot 21 con 9 ON	-/0.0	2.95	<a href="#">15</a>
<a href="#">3</a>	WWIS		lot 21 con 9 ON	-/0.0	2.95	<a href="#">18</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">4</a>	WWIS		lot 21 con 9 ON	SSW/6.9	2.12	<a href="#">21</a>
<a href="#">5</a>	WWIS		lot 21 con 9 ON	W/18.3	1.97	<a href="#">23</a>
<a href="#">6</a>	WWIS		lot 21 con 9 ON	WSW/67.5	3.10	<a href="#">25</a>
<a href="#">6</a>	WWIS		lot 21 con 9 ON	WSW/67.5	3.10	<a href="#">26</a>
<a href="#">7</a>	SPL	Union Gas Limited	12153 eighth line glen williams Halton Hills ON	W/71.6	3.13	<a href="#">27</a>
<a href="#">8</a>	EHS		91 Wildwood Road Georgetown ON	SSE/80.2	4.03	<a href="#">28</a>
<a href="#">9</a>	WWIS		lot 23 con 9 ON	WNW/130.2	4.06	<a href="#">28</a>
<a href="#">10</a>	WWIS		lot 22 con 9 ON	NW/146.2	2.24	<a href="#">31</a>
<a href="#">11</a>	WWIS		lot 21 con 9 ON	SSE/155.5	2.10	<a href="#">34</a>
<a href="#">12</a>	WWIS		lot 21 con 9 ON	SSE/159.3	2.91	<a href="#">37</a>
<a href="#">13</a>	WWIS		lot 21 con 9 ON	SSE/159.6	3.16	<a href="#">39</a>
<a href="#">14</a>	WWIS		lot 21 con 9 ON	SE/165.0	4.20	<a href="#">41</a>
<a href="#">15</a>	WWIS		lot 21 con 9 ON	ESE/168.3	4.04	<a href="#">44</a>
<a href="#">16</a>	WWIS		lot 21 con 9 ON	SSE/182.1	2.55	<a href="#">46</a>
<a href="#">17</a>	WWIS		lot 21 con 8 ON	WSW/184.5	3.10	<a href="#">48</a>
<a href="#">18</a>	WWIS		lot 21 con 9 ON	ESE/184.7	4.08	<a href="#">50</a>
<a href="#">19</a>	WWIS		lot 22 con 8 ON	WSW/200.9	2.36	<a href="#">52</a>
<a href="#">20</a>	WWIS		lot 21 con 8 ON	WSW/211.9	2.91	<a href="#">56</a>
<a href="#">21</a>	WWIS		lot 21 con 9 ON	E/213.5	3.10	<a href="#">58</a>
<a href="#">22</a>	WWIS		ON	SE/231.3	-5.46	<a href="#">61</a>
<a href="#">23</a>	WWIS		lot 21 con 9 ON	SSE/247.8	-8.08	<a href="#">64</a>

# Executive Summary: Summary By Data Source

## EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Feb 28, 2018 has found that there are 2 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Wildwood Road 12171 Eighth Line, Glen Williams Halton Hills ON	0.0	<a href="#"><u>1</u></a>
	91 Wildwood Road Georgetown ON	80.2	<a href="#"><u>8</u></a>

## SPL - Ontario Spills

A search of the SPL database, dated 1988-Feb 2018 has found that there are 1 SPL site(s) within approximately 0.30 kilometers of the project property.

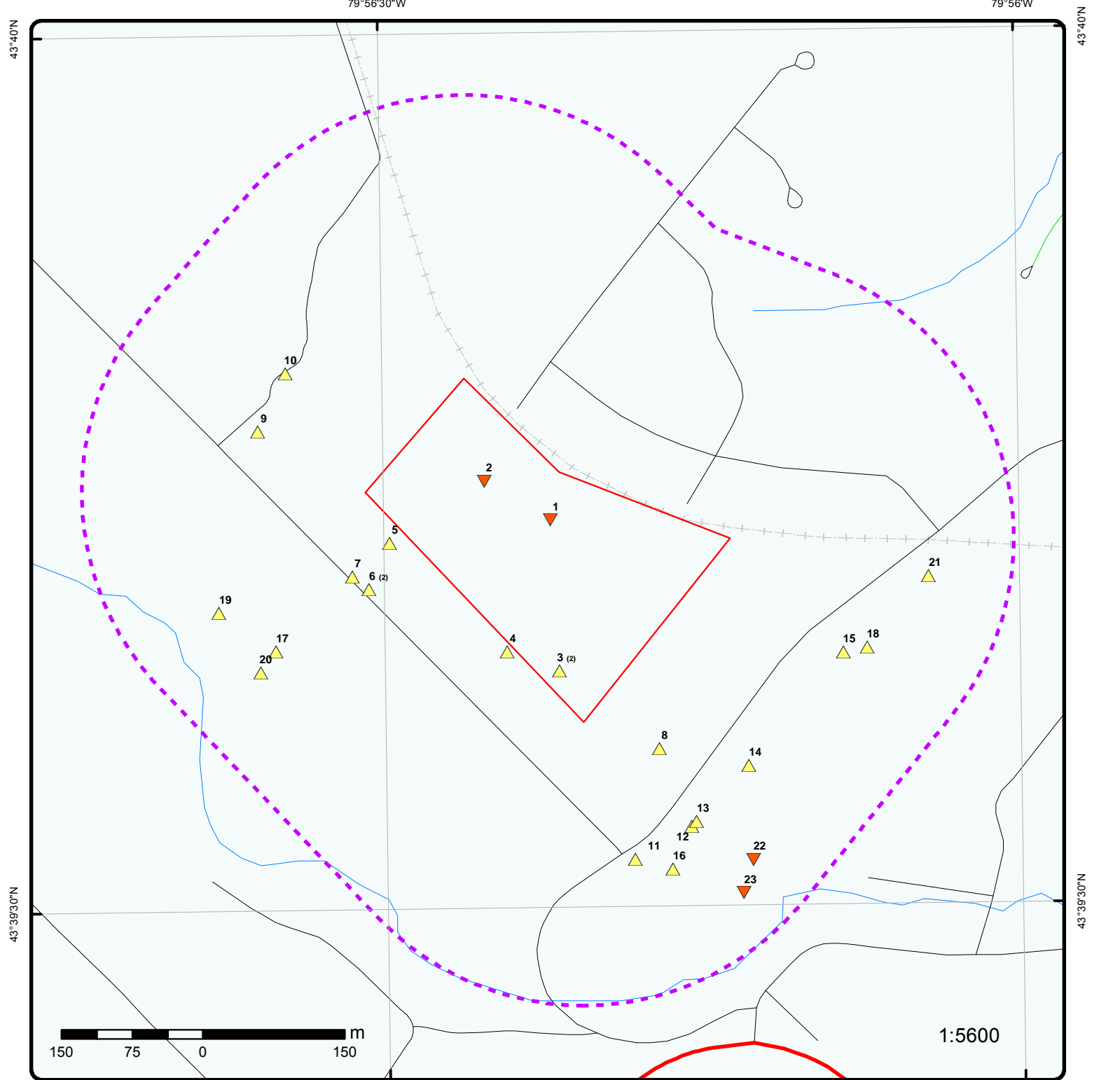
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Union Gas Limited	12153 eighth line glen williams Halton Hills ON	71.6	<a href="#"><u>7</u></a>

## WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 22 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 con 9 ON	0.0	<a href="#"><u>2</u></a>
	lot 21 con 9 ON	0.0	<a href="#"><u>3</u></a>
	lot 21 con 9 ON	0.0	<a href="#"><u>3</u></a>
	lot 21 con 9 ON	6.9	<a href="#"><u>4</u></a>
	lot 21 con 9 ON	18.3	<a href="#"><u>5</u></a>
	lot 21 con 9 ON	67.5	<a href="#"><u>6</u></a>
	lot 21 con 9 ON	67.5	<a href="#"><u>6</u></a>
	lot 23 con 9 ON	130.2	<a href="#"><u>9</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	lot 22 con 9 ON	146.2	<a href="#"><u>10</u></a>
	lot 21 con 9 ON	155.5	<a href="#"><u>11</u></a>
	lot 21 con 9 ON	159.3	<a href="#"><u>12</u></a>
	lot 21 con 9 ON	159.6	<a href="#"><u>13</u></a>
	lot 21 con 9 ON	165.0	<a href="#"><u>14</u></a>
	lot 21 con 9 ON	168.3	<a href="#"><u>15</u></a>
	lot 21 con 9 ON	182.1	<a href="#"><u>16</u></a>
	lot 21 con 8 ON	184.5	<a href="#"><u>17</u></a>
	lot 21 con 9 ON	184.7	<a href="#"><u>18</u></a>
	lot 22 con 8 ON	200.9	<a href="#"><u>19</u></a>
	lot 21 con 8 ON	211.9	<a href="#"><u>20</u></a>
	lot 21 con 9 ON	213.5	<a href="#"><u>21</u></a>
	ON	231.3	<a href="#"><u>22</u></a>
	lot 21 con 9 ON	247.8	<a href="#"><u>23</u></a>

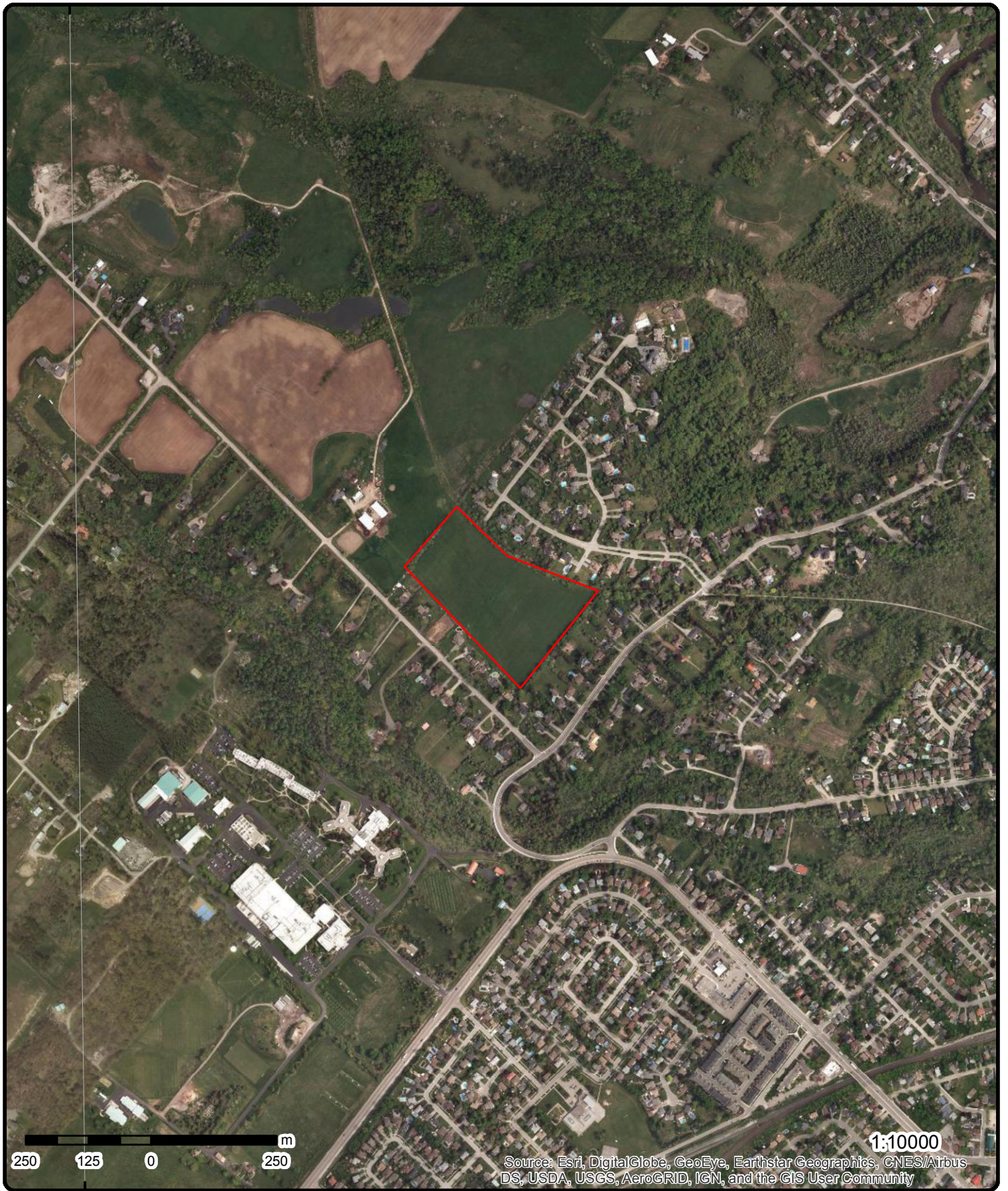


### Map : 0.3 Kilometer Radius

Order No: 20180731187  
 Address: n/a, Georgetown, ON



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



# Aerial (2017)

Address: n/a, Georgetown, ON

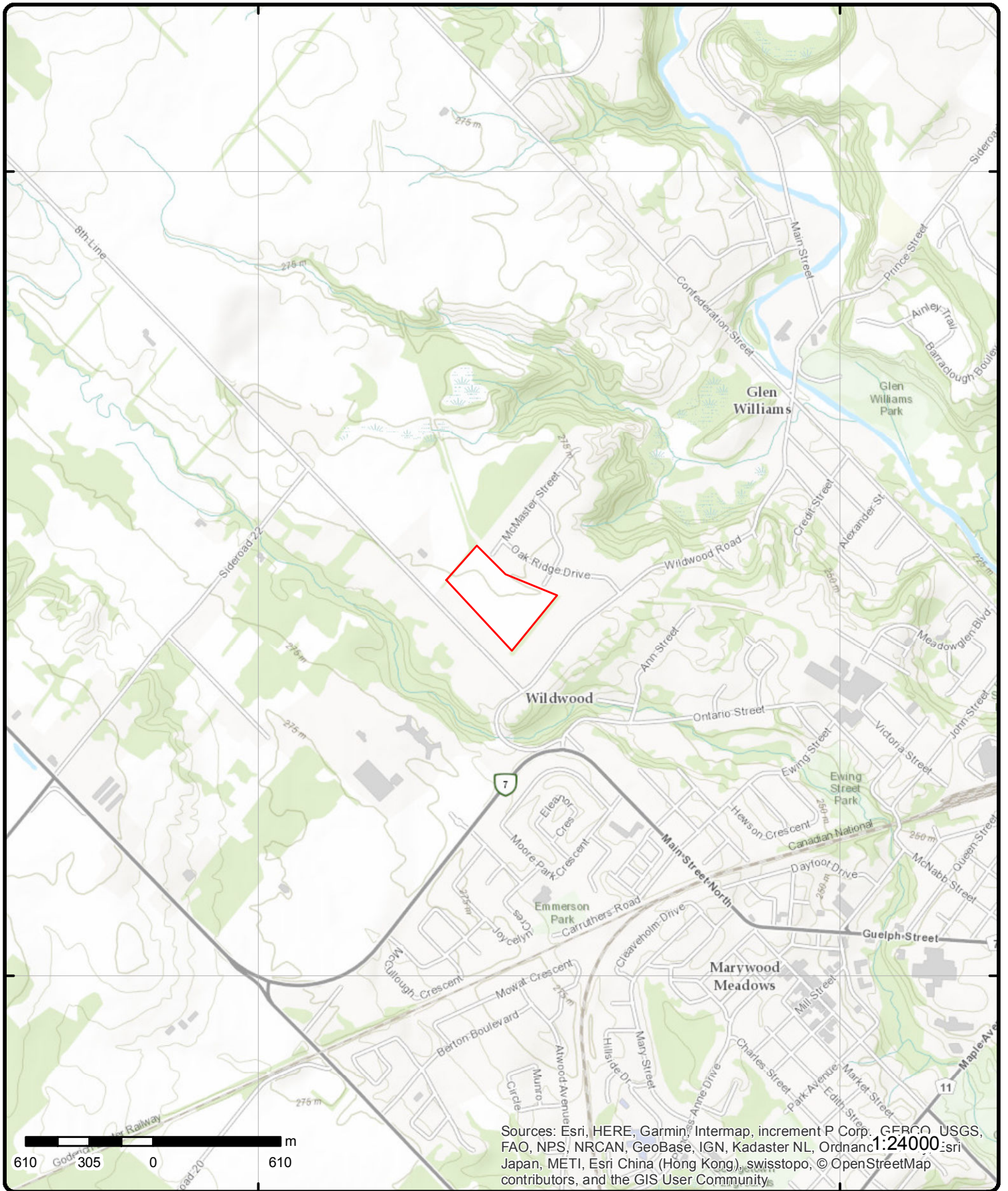
Source: ESRI World Imagery

Order No: 20180731187



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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Address: n/a, Georgetown, ON

Source: ESRI World Topographic Map

Order No: 20180731187



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	-/0.0	266.7/ -0.01	Wildwood Road 12171 Eighth Line, Glen Williams Halton Hills ON	EHS
<b>Order ID:</b> 233980 <b>Order No:</b> 20130123018 <b>Customer ID:</b> 81947 <b>Company ID:</b> 17921 <b>Status:</b> C <b>Report Code:</b> 3CAN <b>Report Type:</b> Standard Report <b>Report Date:</b> 01-FEB-13 <b>Report Requested by:</b> Inspec-Sol Inc. <b>Nearest Intersection:</b> <b>Previous Site Name:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans		<b>Date Received:</b> 23-JAN-13 <b>Lot/Building Size:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>Large Radius:</b> 2 <b>X:</b> -79.939514 <b>Y:</b> 43.662026			
<u>2</u>	1 of 1	-/0.0	266.5/ -0.22	lot 21 con 9 ON	WWIS
<b>Well ID:</b> 2801412 <b>Construction Date:</b> <b>Primary Water Use:</b> Livestock <b>Sec. Water Use:</b> Domestic <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 9/12/1967 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 1325 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> HALTON <b>Municipality:</b> HALTON HILLS TOWN (ESQUESING) <b>Site Info:</b> <b>Lot:</b> 021 <b>Concession:</b> 09 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10147966 <b>DP2BR:</b> 12 <b>Spatial Status:</b> <b>Code OB:</b> r <b>Code OB Desc:</b> Bedrock <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 14-AUG-67 <b>Remarks:</b>		<b>Elevation:</b> 274.99 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 585434.4 <b>Org CS:</b> <b>North83:</b> 4834923 <b>UTMRC:</b> 4 <b>UTMRC Desc:</b> margin of error : 30 m - 100 m <b>Location Method:</b> p4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931425317			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		13			
<b>Other Materials:</b>		BOULDERS			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		12			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425316			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425318			
<b>Layer:</b>		3			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		12			
<b>Formation End Depth:</b>		32			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		962801412			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696536			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:	1				
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:	930251733				
Layer:	1				
Material:	3				
Open Hole or Material:	CONCRETE				
Depth From:					
Depth To:	32				
Casing Diameter:	30				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:	992801412				
Pump Set At:					
Static Level:	15				
Final Level After Pumping:	29				
Recommended Pump Depth:	30				
Pumping Rate:	1				
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				
<b><u>Water Details</u></b>					
Water ID:	933603167				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	30				
Water Found Depth UOM:	ft				

<u>3</u>	1 of 2	-/0.0	269.7 / 2.95	lot 21 con 9 ON	WWIS
Well ID:	2805351			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/18/1979
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4320
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>	10151847 21 r Bedrock 27-JUL-78			<b>Elevation:</b> 272.76 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 585514.4 <b>Org CS:</b> <b>North83:</b> 4834723 <b>UTMRC:</b> 5 <b>UTMRC Desc:</b> margin of error : 100 m - 300 m <b>Location Method:</b> p5	
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> <b>Layer:</b> <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> <b>Most Common Material:</b> <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> <b>Formation End Depth:</b> <b>Formation End Depth UOM:</b>	931439348 1 7 RED 05 CLAY 11 GRAVEL				
<b>Formation ID:</b> <b>Layer:</b> <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> <b>Most Common Material:</b> <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> <b>Formation End Depth:</b> <b>Formation End Depth UOM:</b>	931439349 2 7 RED 17 SHALE				
<b>Formation Top Depth:</b> <b>Formation End Depth:</b> <b>Formation End Depth UOM:</b>	21 135 ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b> <b>Method Construction Code:</b> <b>Method Construction:</b> <b>Other Method Construction:</b>	962805351 2 Rotary (Convent.)				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Pipe Information**

**Pipe ID:** 10700417  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930258130  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 135  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Casing ID:** 930258129  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992805351  
**Pump Set At:**  
**Static Level:** 20  
**Final Level After Pumping:** 20  
**Recommended Pump Depth:** 100  
**Pumping Rate:** 3  
**Flowing Rate:**  
**Recommended Pump Rate:** 3  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934967516  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 90  
**Test Level UOM:** ft

**Pump Test Detail ID:** 934181082  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 32  
**Test Level UOM:** ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Test Detail ID:</b>		934447420			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		52			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934714941			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		72			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933608545			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		120			
<b>Water Found Depth UOM:</b>		ft			

<u>3</u>	2 of 2	-/0.0	269.7 / 2.95	lot 21 con 9 ON	WWIS
<b>Well ID:</b>	2804957			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	12/13/1976
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4602
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	021
<b>Well Depth:</b>				<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10151464	<b>Elevation:</b>	272.76
<b>DP2BR:</b>	27	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	585514.4
<b>Code OB Desc:</b>	Bedrock	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834723
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	16-NOV-76	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		931437837			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		27			
<b>Formation End Depth:</b>		69			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931437836			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		23			
<b>Most Common Material:</b>		PREVIOUSLY DUG			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		27			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962804957			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10700034			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930257483			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		69			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930257482			
<b>Layer:</b>		1			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>	33				
<b>Casing Diameter:</b>	6				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	992804957				
<b>Pump Set At:</b>					
<b>Static Level:</b>	12				
<b>Final Level After Pumping:</b>	63				
<b>Recommended Pump Depth:</b>	67				
<b>Pumping Rate:</b>	5				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	2				
<b>Water State After Test:</b>	CLOUDY				
<b>Pumping Test Method:</b>	2				
<b>Pumping Duration HR:</b>	1				
<b>Pumping Duration MIN:</b>	0				
<b>Flowing:</b>	N				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	934180501				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	15				
<b>Test Level:</b>	63				
<b>Test Level UOM:</b>	ft				
<b>Pump Test Detail ID:</b>	934714257				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	45				
<b>Test Level:</b>	63				
<b>Test Level UOM:</b>	ft				
<b>Pump Test Detail ID:</b>	934446310				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	30				
<b>Test Level:</b>	63				
<b>Test Level UOM:</b>	ft				
<b>Pump Test Detail ID:</b>	934966400				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	60				
<b>Test Level:</b>	63				
<b>Test Level UOM:</b>	ft				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933608022				
<b>Layer:</b>	2				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	65				
<b>Water Found Depth UOM:</b>	ft				
<b>Water ID:</b>	933608021				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42			
Water Found Depth UOM:		ft			

<u>4</u>	1 of 1	SSW/6.9	268.9 / 2.12	lot 21 con 9 ON	WWIS
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<b>Well ID:</b>	2801405	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	1/17/1961
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	4838
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	HALTON
<b>Elevation (m):</b>		<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	021
<b>Well Depth:</b>		<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

#### Bore Hole Information

<b>Bore Hole ID:</b>	10147959	<b>Elevation:</b>	272.88
<b>DP2BR:</b>	5	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	585459.4
<b>Code OB Desc:</b>	Bedrock	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834743
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	27-OCT-60	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	931425301
<b>Layer:</b>	1
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	5

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425302			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		5			
<b>Formation End Depth:</b>		111			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801405			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696529			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251724			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		24			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930251725			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		111			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801405			
<b>Pump Set At:</b>					
<b>Static Level:</b>		21			
<b>Final Level After Pumping:</b>		106			
<b>Recommended Pump Depth:</b>		106			
<b>Pumping Rate:</b>		2			
<b>Flowing Rate:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Recommended Pump Rate:</b> 2					
<b>Levels UOM:</b> ft					
<b>Rate UOM:</b> GPM					
<b>Water State After Test Code:</b> 2					
<b>Water State After Test:</b> CLOUDY					
<b>Pumping Test Method:</b> 1					
<b>Pumping Duration HR:</b> 1					
<b>Pumping Duration MIN:</b> 0					
<b>Flowing:</b> N					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933603162					
<b>Layer:</b> 3					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 85					
<b>Water Found Depth UOM:</b> ft					
<b>Water ID:</b> 933603161					
<b>Layer:</b> 2					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 63					
<b>Water Found Depth UOM:</b> ft					
<b>Water ID:</b> 933603160					
<b>Layer:</b> 1					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 42					
<b>Water Found Depth UOM:</b> ft					
<b>Water ID:</b> 933603163					
<b>Layer:</b> 4					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 106					
<b>Water Found Depth UOM:</b> ft					

<a href="#">5</a>	1 of 1	W/18.3	268.7 / 1.97	lot 21 con 9 ON	WWIS
<b>Well ID:</b> 2801401					
<b>Construction Date:</b>					
<b>Primary Water Use:</b> Domestic					
<b>Sec. Water Use:</b> 0					
<b>Final Well Status:</b> Water Supply					
<b>Water Type:</b>					
<b>Casing Material:</b>					
<b>Audit No:</b>					
<b>Tag:</b>					
<b>Construction Method:</b>					
<b>Elevation (m):</b>					
<b>Elevation Reliability:</b>					
<b>Depth to Bedrock:</b>					
<b>Well Depth:</b>					
<b>Overburden/Bedrock:</b>					
<b>Pump Rate:</b>					
<b>Static Water Level:</b>					
<b>Flowing (Y/N):</b>					
<b>Flow Rate:</b>					
<b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b>					
<b>Data Src:</b> 1					
<b>Date Received:</b> 8/26/1952					
<b>Selected Flag:</b> Yes					
<b>Abandonment Rec:</b>					
<b>Contractor:</b> 4838					
<b>Form Version:</b> 1					
<b>Owner:</b>					
<b>Street Name:</b>					
<b>County:</b> HALTON					
<b>Municipality:</b> HALTON HILLS TOWN (ESQUESING)					
<b>Site Info:</b>					
<b>Lot:</b> 021					
<b>Concession:</b> 09					
<b>Concession Name:</b> CON					
<b>Easting NAD83:</b>					
<b>Northing NAD83:</b>					
<b>Zone:</b>					
<b>UTM Reliability:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10147955			<b>Elevation:</b>	274.21
<b>DP2BR:</b>	18			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	585334.4
<b>Code OB Desc:</b>	Bedrock			<b>Org CS:</b>	
<b>Open Hole:</b>				<b>North83:</b>	4834858
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	11-JUL-52			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	931425291				
<b>Layer:</b>	2				
<b>Color:</b>	7				
<b>General Color:</b>	RED				
<b>Mat1:</b>	17				
<b>Most Common Material:</b>	SHALE				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	18				
<b>Formation End Depth:</b>	65				
<b>Formation End Depth UOM:</b>	ft				
<b>Formation ID:</b>	931425290				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	18				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>	962801401				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	10696525				
<b>Casing No:</b>	1				
<b>Comment:</b>					

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

**Construction Record - Casing**

**Casing ID:** 930251716  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 18  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Casing ID:** 930251717  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 65  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 992801401  
**Pump Set At:**  
**Static Level:** 11  
**Final Level After Pumping:** 22  
**Recommended Pump Depth:**  
**Pumping Rate:** 5  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Water Details**

**Water ID:** 933603154  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 65  
**Water Found Depth UOM:** ft

<a href="#">6</a>	1 of 2	WSW/67.5	269.9 / 3.10	lot 21 con 9 ON	WWIS
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<b>Well ID:</b> 2809657	<b>Data Entry Status:</b>
<b>Construction Date:</b>	<b>Data Src:</b> 1
<b>Primary Water Use:</b> Domestic	<b>Date Received:</b> 11/18/2002
<b>Sec. Water Use:</b>	<b>Selected Flag:</b> Yes
<b>Final Well Status:</b> Abandoned-Other	<b>Abandonment Rec:</b>
<b>Water Type:</b>	<b>Contractor:</b> 4868
<b>Casing Material:</b>	<b>Form Version:</b> 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Audit No:</b>	207080			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	021
<b>Well Depth:</b>				<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10531830	<b>Elevation:</b>	273.58
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	585313
<b>Code OB Desc:</b>	No formation data	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834809
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	30-OCT-02	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	gps
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Method of Construction & Well Use**

<b>Method Construction ID:</b>	962809657
<b>Method Construction Code:</b>	6
<b>Method Construction:</b>	Boring
<b>Other Method Construction:</b>	

**Pipe Information**

<b>Pipe ID:</b>	11080400
<b>Casing No:</b>	1
<b>Comment:</b>	
<b>Alt Name:</b>	

<b>6</b>	<b>2 of 2</b>	<b>WSW/67.5</b>	<b>269.9 / 3.10</b>	<b>lot 21 con 9 ON</b>	<b>WWIS</b>
<b>Well ID:</b>	2809658	<b>Data Entry Status:</b>			
<b>Construction Date:</b>		<b>Data Src:</b>	1		
<b>Primary Water Use:</b>	Livestock	<b>Date Received:</b>	11/18/2002		
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes		
<b>Final Well Status:</b>	Abandoned-Other	<b>Abandonment Rec:</b>			
<b>Water Type:</b>		<b>Contractor:</b>	4868		
<b>Casing Material:</b>		<b>Form Version:</b>	1		
<b>Audit No:</b>	207081	<b>Owner:</b>			
<b>Tag:</b>		<b>Street Name:</b>			
<b>Construction Method:</b>		<b>County:</b>	HALTON		
<b>Elevation (m):</b>		<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)		
<b>Elevation Reliability:</b>		<b>Site Info:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Lot:</b> 021 <b>Concession:</b> 09 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10531831 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> - <b>Code OB Desc:</b> No formation data <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 31-OCT-02 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>				<b>Elevation:</b> 273.58 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 585313 <b>Org CS:</b> <b>North83:</b> 4834809 <b>UTMRC:</b> 3 <b>UTMRC Desc:</b> margin of error : 10 - 30 m <b>Location Method:</b> gps	
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b> 962809658 <b>Method Construction Code:</b> 1 <b>Method Construction:</b> Cable Tool <b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b> 11080401 <b>Casing No:</b> 1 <b>Comment:</b> <b>Alt Name:</b>					
<a href="#">7</a>	1 of 1	W/71.6	269.9 / 3.13	<b>Union Gas Limited</b> <b>12153 eighth line glen williams</b> <b>Halton Hills ON</b>	<b>SPL</b>
<b>Ref No:</b> 1657-ASWQ2Y <b>Site No:</b> NA <b>Incident Dt:</b> 2017/11/08 <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> Operator/Human error <b>Contaminant Code:</b> 35 <b>Contaminant Name:</b> NATURAL GAS (METHANE) <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> 1075 <b>Contaminant Qty:</b> 0 other - see incident description <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> Air				<b>Discharger Report:</b> <b>Material Group:</b> <b>Client Type:</b> Corporation <b>Sector Type:</b> Unknown / N/A <b>Source Type:</b> Pipeline/Components <b>Nearest Watercourse:</b> <b>Site Name:</b> private residence<UNOFFICIAL> <b>Site Address:</b> 12153 eighth line glen williams <b>Site District Office:</b> Halton-Peel <b>Site County/District:</b> Regional Municipality of Halton <b>Site Postal Code:</b> <b>Site Region:</b> Central <b>Site Municipality:</b> Halton Hills <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Health/Env Conseq: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: SAC Action Class: Incident Reason: Incident Summary:	2 - Minor Environment No 2017/11/08 2017/11/25			Easting: Site Geo Ref Accu: Site Geo Ref Meth: Site Map Datum: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Operator/Human Error TSSA FSB: 1/2pl IP damage, safe	

<u>8</u>	1 of 1	SSE/80.2	270.8 / 4.03	91 Wildwood Road Georgetown ON	EHS
Order ID:	43765			Date Received:	6/24/04
Order No:	20040624032w			Lot/Building Size:	
Customer ID:	35047			Municipality:	
Company ID:	28825			Client Prov/State:	ON
Status:	C			Search Radius (km):	0.25
Report Code:	9CAN			Large Radius:	2.00
Report Type:	Online Mapless			X:	0
Report Date:	6/24/04			Y:	0
Report Requested by:	K.C Key and Associates				
Nearest Intersection:					
Previous Site Name:					
Additional Info Ordered:					

<u>9</u>	1 of 1	WNW/130.2	270.8 / 4.06	lot 23 con 9 ON	WWIS
Well ID:	2801421			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/26/1963
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4101
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
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:	10147975	Elevation:	275.11
DP2BR:	79	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	585195.4
Code OB Desc:	Bedrock	Org CS:	
Open Hole:		North83:	4834975
Cluster Kind:		UTMRC:	5
Date Completed:	28-MAY-63	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931425353			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		13			
<b>Most Common Material:</b>		BOULDERS			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		20			
<b>Formation End Depth:</b>		30			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425356			
<b>Layer:</b>		5			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		74			
<b>Formation End Depth:</b>		79			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425352			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		20			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425354			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		30			
<b>Formation End Depth:</b>		64			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		931425355			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		64			
<b>Formation End Depth:</b>		74			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425357			
<b>Layer:</b>		6			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		79			
<b>Formation End Depth:</b>		84			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801421			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696545			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251748			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		84			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930251747			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		79			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:	992801421				
Pump Set At:					
Static Level:	40				
Final Level After Pumping:	80				
Recommended Pump Depth:	80				
Pumping Rate:	4				
Flowing Rate:					
Recommended Pump Rate:	2				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	5				
Pumping Duration MIN:	0				
Flowing:	N				
<b><u>Water Details</u></b>					
Water ID:	933603178				
Layer:	1				
Kind Code:	2				
Kind:	SALTY				
Water Found Depth:	84				
Water Found Depth UOM:	ft				
<a href="#">10</a>	1 of 1	NW/146.2	269.0 / 2.24	lot 22 con 9 ON	WWIS
Well ID:	2808318		<b>Data Entry Status:</b>		
Construction Date:			<b>Data Src:</b> 1		
Primary Water Use:	Domestic		<b>Date Received:</b> 2/10/1995		
Sec. Water Use:			<b>Selected Flag:</b> Yes		
Final Well Status:	Water Supply		<b>Abandonment Rec:</b>		
Water Type:			<b>Contractor:</b> 1565		
Casing Material:			<b>Form Version:</b> 1		
Audit No:	131916		<b>Owner:</b>		
Tag:			<b>Street Name:</b>		
Construction Method:			<b>County:</b> HALTON		
Elevation (m):			<b>Municipality:</b> HALTON HILLS TOWN (ESQUESING)		
Elevation Reliability:			<b>Site Info:</b>		
Depth to Bedrock:			<b>Lot:</b> 022		
Well Depth:			<b>Concession:</b> 09		
Overburden/Bedrock:			<b>Concession Name:</b> CON		
Pump Rate:			<b>Easting NAD83:</b>		
Static Water Level:			<b>Northing NAD83:</b>		
Flowing (Y/N):			<b>Zone:</b>		
Flow Rate:			<b>UTM Reliability:</b>		
Clear/Cloudy:					
<b><u>Bore Hole Information</u></b>					
Bore Hole ID:	10154575		<b>Elevation:</b> 275.67		
DP2BR:	19		<b>Elevrc:</b>		
Spatial Status:			<b>Zone:</b> 17		
Code OB:	r		<b>East83:</b> 585224.4		
Code OB Desc:	Bedrock		<b>Org CS:</b>		
Open Hole:			<b>North83:</b> 4835037		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	03-NOV-94			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	gps
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931451088			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		19			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931451089			
<b>Layer:</b>		3			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		19			
<b>Formation End Depth:</b>		116			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931451087			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		962808318			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10703145			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930262995			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		37			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930262996			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		116			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992808318			
<b>Pump Set At:</b>					
<b>Static Level:</b>		22			
<b>Final Level After Pumping:</b>		64			
<b>Recommended Pump Depth:</b>		95			
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		3			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		4			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934181725			
<b>Test Type:</b>					
<b>Test Duration:</b>		15			
<b>Test Level:</b>		31			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934713937			
<b>Test Type:</b>					
<b>Test Duration:</b>		45			
<b>Test Level:</b>		50			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934446468			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Type:</b>					
<b>Test Duration:</b>		30			
<b>Test Level:</b>		44			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934975234			
<b>Test Type:</b>					
<b>Test Duration:</b>		60			
<b>Test Level:</b>		53			
<b>Test Level UOM:</b>		ft			
<b>Water Details</b>					
<b>Water ID:</b>		933612059			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		116			
<b>Water Found Depth UOM:</b>		ft			
<b>Water ID:</b>		933612058			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		94			
<b>Water Found Depth UOM:</b>		ft			

[11](#)    1 of 1    **SSE/155.5**    **268.9 / 2.10**    **lot 21 con 9 ON**    **WWIS**

<b>Well ID:</b>	2803713	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	3/2/1972
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1660
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	HALTON
<b>Elevation (m):</b>		<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	021
<b>Well Depth:</b>		<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10150245	<b>Elevation:</b>	270.86
<b>DP2BR:</b>	18	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	585594.4
<b>Code OB Desc:</b>	Bedrock	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834523
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	08-JUL-71	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<i>Formation ID:</i>		931432966			
<i>Layer:</i>		1			
<i>Color:</i>		8			
<i>General Color:</i>		BLACK			
<i>Mat1:</i>		02			
<i>Most Common Material:</i>		TOPSOIL			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		1			
<i>Formation End Depth UOM:</i>		ft			
<i>Formation ID:</i>		931432967			
<i>Layer:</i>		2			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>		12			
<i>Other Materials:</i>		STONES			
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		1			
<i>Formation End Depth:</i>		18			
<i>Formation End Depth UOM:</i>		ft			
<i>Formation ID:</i>		931432968			
<i>Layer:</i>		3			
<i>Color:</i>		7			
<i>General Color:</i>		RED			
<i>Mat1:</i>		17			
<i>Most Common Material:</i>		SHALE			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		18			
<i>Formation End Depth:</i>		84			
<i>Formation End Depth UOM:</i>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<i>Method Construction ID:</i>		962803713			
<i>Method Construction Code:</i>		1			
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					
<b><u>Pipe Information</u></b>					
<i>Pipe ID:</i>		10698815			
<i>Casing No:</i>		1			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930255498		
<b>Layer:</b>			1		
<b>Material:</b>			1		
<b>Open Hole or Material:</b>			STEEL		
<b>Depth From:</b>					
<b>Depth To:</b>			23		
<b>Casing Diameter:</b>			6		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b>Casing ID:</b>			930255499		
<b>Layer:</b>			2		
<b>Material:</b>			4		
<b>Open Hole or Material:</b>			OPEN HOLE		
<b>Depth From:</b>					
<b>Depth To:</b>			84		
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>			992803713		
<b>Pump Set At:</b>					
<b>Static Level:</b>			38		
<b>Final Level After Pumping:</b>			70		
<b>Recommended Pump Depth:</b>			79		
<b>Pumping Rate:</b>			6		
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>			6		
<b>Levels UOM:</b>			ft		
<b>Rate UOM:</b>			GPM		
<b>Water State After Test Code:</b>			1		
<b>Water State After Test:</b>			CLEAR		
<b>Pumping Test Method:</b>			2		
<b>Pumping Duration HR:</b>			1		
<b>Pumping Duration MIN:</b>			0		
<b>Flowing:</b>			N		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934451228		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			30		
<b>Test Level:</b>			58		
<b>Test Level UOM:</b>			ft		
<b>Pump Test Detail ID:</b>			934176598		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			15		
<b>Test Level:</b>			49		
<b>Test Level UOM:</b>			ft		
<b>Pump Test Detail ID:</b>			934710430		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			45		
<b>Test Level:</b>			64		
<b>Test Level UOM:</b>			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Test Detail ID:</b>		934970744			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		70			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933606234			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		80			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">12</a>	1 of 1	SSE/159.3	269.7 / 2.91	lot 21 con 9 ON	WWIS
<b>Well ID:</b>		2801409		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b> 1	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 6/4/1962	
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 4101	
<b>Casing Material:</b>				<b>Form Version:</b> 1	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> HALTON	
<b>Elevation (m):</b>				<b>Municipality:</b> HALTON HILLS TOWN (ESQUESING)	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b> 021	
<b>Well Depth:</b>				<b>Concession:</b> 09	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b> CON	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>		10147963		<b>Elevation:</b> 270.56	
<b>DP2BR:</b>		30		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 17	
<b>Code OB:</b>		r		<b>East83:</b> 585654.4	
<b>Code OB Desc:</b>		Bedrock		<b>Org CS:</b>	
<b>Open Hole:</b>				<b>North83:</b> 4834558	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 4	
<b>Date Completed:</b>		12-APR-62		<b>UTMRC Desc:</b> margin of error : 30 m - 100 m	
<b>Remarks:</b>				<b>Location Method:</b> p4	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931425310

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		30			
<b>Formation End Depth:</b>		71			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425309			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		30			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801409			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696533			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251730			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		71			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930251729			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		32			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Results of Well Yield Testing**

**Pump Test ID:** 992801409  
**Pump Set At:**  
**Static Level:** 30  
**Final Level After Pumping:** 58  
**Recommended Pump Depth:** 58  
**Pumping Rate:** 3  
**Flowing Rate:**  
**Recommended Pump Rate:** 2  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 5  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Water Details**

**Water ID:** 933603165  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 54  
**Water Found Depth UOM:** ft

[13](#)      1 of 1      **SSE/159.6**      **269.9 / 3.16**      **lot 21 con 9**      **ON**      **WWIS**

<p> <b>Well ID:</b> 2801408  <b>Construction Date:</b>  <b>Primary Water Use:</b>  <b>Sec. Water Use:</b>  <b>Final Well Status:</b> Abandoned-Supply  <b>Water Type:</b>  <b>Casing Material:</b>  <b>Audit No:</b>  <b>Tag:</b>  <b>Construction Method:</b>  <b>Elevation (m):</b>  <b>Elevation Reliability:</b>  <b>Depth to Bedrock:</b>  <b>Well Depth:</b>  <b>Overburden/Bedrock:</b>  <b>Pump Rate:</b>  <b>Static Water Level:</b>  <b>Flowing (Y/N):</b>  <b>Flow Rate:</b>  <b>Clear/Cloudy:</b> </p>	<p> <b>Data Entry Status:</b>  <b>Data Src:</b> 1  <b>Date Received:</b> 6/4/1962  <b>Selected Flag:</b> Yes  <b>Abandonment Rec:</b>  <b>Contractor:</b> 4101  <b>Form Version:</b> 1  <b>Owner:</b>  <b>Street Name:</b>  <b>County:</b> HALTON  <b>Municipality:</b> HALTON HILLS TOWN (ESQUESING)  <b>Site Info:</b>  <b>Lot:</b> 021  <b>Concession:</b> 09  <b>Concession Name:</b> CON  <b>Easting NAD83:</b>  <b>Northing NAD83:</b>  <b>Zone:</b>  <b>UTM Reliability:</b> </p>
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**Bore Hole Information**

<p> <b>Bore Hole ID:</b> 10147962  <b>DP2BR:</b> 20  <b>Spatial Status:</b>  <b>Code OB:</b> r  <b>Code OB Desc:</b> Bedrock  <b>Open Hole:</b>  <b>Cluster Kind:</b> </p>	<p> <b>Elevation:</b> 270.7  <b>Elevrc:</b>  <b>Zone:</b> 17  <b>East83:</b> 585659.4  <b>Org CS:</b>  <b>North83:</b> 4834563  <b>UTMRC:</b> 4         </p>
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Date Completed:</b>	08-APR-62			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	931425308				
<b>Layer:</b>	2				
<b>Color:</b>	7				
<b>General Color:</b>	RED				
<b>Mat1:</b>	17				
<b>Most Common Material:</b>	SHALE				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	20				
<b>Formation End Depth:</b>	104				
<b>Formation End Depth UOM:</b>	ft				
<b>Formation ID:</b>	931425307				
<b>Layer:</b>	1				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	20				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>	962801408				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	10696532				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930251728				
<b>Layer:</b>	1				
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Depth To:</b>					
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

<a href="#">14</a>	1 of 1	SE/165.0	271.0 / 4.20	lot 21 con 9 ON	WWIS
<b>Well ID:</b> 2803357					
<b>Construction Date:</b>					
<b>Primary Water Use:</b>		Domestic			
<b>Sec. Water Use:</b>		0			
<b>Final Well Status:</b>		Water Supply			
<b>Water Type:</b>					
<b>Casing Material:</b>					
<b>Audit No:</b>					
<b>Tag:</b>					
<b>Construction Method:</b>					
<b>Elevation (m):</b>					
<b>Elevation Reliability:</b>					
<b>Depth to Bedrock:</b>					
<b>Well Depth:</b>					
<b>Overburden/Bedrock:</b>					
<b>Pump Rate:</b>					
<b>Static Water Level:</b>					
<b>Flowing (Y/N):</b>					
<b>Flow Rate:</b>					
<b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b>					
<b>Data Src:</b>		1			
<b>Date Received:</b>		5/21/1970			
<b>Selected Flag:</b>		Yes			
<b>Abandonment Rec:</b>					
<b>Contractor:</b>		3637			
<b>Form Version:</b>		1			
<b>Owner:</b>					
<b>Street Name:</b>					
<b>County:</b>		HALTON			
<b>Municipality:</b>		HALTON HILLS TOWN (ESQUESING)			
<b>Site Info:</b>					
<b>Lot:</b>		021			
<b>Concession:</b>		09			
<b>Concession Name:</b>		CON			
<b>Easting NAD83:</b>					
<b>Northing NAD83:</b>					
<b>Zone:</b>					
<b>UTM Reliability:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	10149899	<b>Elevation:</b>	272.13
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	585714.4
<b>Code OB Desc:</b>	Overburden	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834623
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	25-APR-70	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	931431726
<b>Layer:</b>	3
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Other Materials:</b>	STONES
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	22
<b>Formation End Depth:</b>	42
<b>Formation End Depth UOM:</b>	ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		931431724			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>		12			
<b>Other Materials:</b>		STONES			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931431725			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		22			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962803357			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10698469			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930254928			
<b>Layer:</b>		2			
<b>Material:</b>		2			
<b>Open Hole or Material:</b>		GALVANIZED			
<b>Depth From:</b>					
<b>Depth To:</b>		23			
<b>Casing Diameter:</b>		32			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930254929			
<b>Layer:</b>		3			
<b>Material:</b>		2			
<b>Open Hole or Material:</b>		GALVANIZED			
<b>Depth From:</b>					
<b>Depth To:</b>		42			
<b>Casing Diameter:</b>		22			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930254927			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>					
<b>Depth To:</b>		20			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992803357			
<b>Pump Set At:</b>					
<b>Static Level:</b>		15			
<b>Final Level After Pumping:</b>		40			
<b>Recommended Pump Depth:</b>		38			
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		5			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		N			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934969647			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		34			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934166603			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		40			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934709337			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934450133			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		38			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933605736			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		41			
Water Found Depth UOM:		ft			
Water ID:		933605735			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		16			
Water Found Depth UOM:		ft			

<u>15</u>	1 of 1	ESE/168.3	270.8 / 4.04	lot 21 con 9 ON	WWIS
Well ID:	2802959			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/29/1968
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1307
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
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:	10149505	Elevation:	272.27
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	585814.4
Code OB Desc:	Overburden	Org CS:	
Open Hole:		North83:	4834743
Cluster Kind:		UTMRC:	4
Date Completed:	30-OCT-68	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock**  
**Materials Interval**

Formation ID:	931430268
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		47			
<b>Formation End Depth:</b>		65			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b> 931430266					
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		20			
<b>Formation End Depth:</b>		45			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b> 931430267					
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		45			
<b>Formation End Depth:</b>		47			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b> 931430265					
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		20			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b> 962802959					
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10698075			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Construction Record - Casing</u></b>					
Casing ID:			930254322		
Layer:			1		
Material:			3		
Open Hole or Material:			CONCRETE		
Depth From:					
Depth To:			65		
Casing Diameter:			30		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:			992802959		
Pump Set At:					
Static Level:			45		
Final Level After Pumping:					
Recommended Pump Depth:			64		
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:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:			N		
<b><u>Water Details</u></b>					
Water ID:			933605176		
Layer:			1		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			45		
Water Found Depth UOM:			ft		
<b><u>16</u></b>	<b>1 of 1</b>	<b>SSE/182.1</b>	<b>269.3 / 2.55</b>	<b>lot 21 con 9 ON</b>	<b>WWIS</b>
Well ID:	2801407			<b>Data Entry Status:</b>	
Construction Date:				<b>Data Src:</b>	1
Primary Water Use:				<b>Date Received:</b>	11/21/1961
Sec. Water Use:				<b>Selected Flag:</b>	Yes
Final Well Status:	Abandoned-Supply			<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b>	4101
Casing Material:				<b>Form Version:</b>	1
Audit No:				<b>Owner:</b>	
Tag:				<b>Street Name:</b>	
Construction Method:				<b>County:</b>	HALTON
Elevation (m):				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				<b>Site Info:</b>	
Depth to Bedrock:				<b>Lot:</b>	021
Well Depth:				<b>Concession:</b>	09
Overburden/Bedrock:				<b>Concession Name:</b>	CON
Pump Rate:				<b>Easting NAD83:</b>	
Static Water Level:				<b>Northing NAD83:</b>	
Flowing (Y/N):				<b>Zone:</b>	
Flow Rate:				<b>UTM Reliability:</b>	

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

**Bore Hole Information**

<b>Bore Hole ID:</b>	10147961	<b>Elevation:</b>	269.78
<b>DP2BR:</b>	31	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	585634.4
<b>Code OB Desc:</b>	Bedrock	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834513
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	09-OCT-61	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931425306
<b>Layer:</b>	2
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	17
<b>Most Common Material:</b>	SHALE
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	31
<b>Formation End Depth:</b>	157
<b>Formation End Depth UOM:</b>	ft

<b>Formation ID:</b>	931425305
<b>Layer:</b>	1
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	31
<b>Formation End Depth UOM:</b>	ft

**Method of Construction & Well**

**Use**

<b>Method Construction ID:</b>	962801407
<b>Method Construction Code:</b>	1
<b>Method Construction:</b>	Cable Tool
<b>Other Method Construction:</b>	

**Pipe Information**

<b>Pipe ID:</b>	10696531
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:	1				
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:	930251727				
Layer:	1				
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				

<a href="#">17</a>	1 of 1	WSW/184.5	269.9 / 3.10	lot 21 con 8 ON	WWIS
Well ID:	2803283			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/14/1970
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3512
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
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:	10149825	Elevation:	272.61
DP2BR:	30	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	h	East83:	585214.4
Code OB Desc:	Mixed in a Layer	Org CS:	
Open Hole:		North83:	4834743
Cluster Kind:		UTMRC:	4
Date Completed:	10-APR-69	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931431447

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		3			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		17			
<b>Other Materials:</b>		SHALE			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		30			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931431446			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		30			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931431448			
<b>Layer:</b>		4			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		112			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931431445			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962803283			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					

**Pipe Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10698395			
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930254819			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		112			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Casing ID:		930254818			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		52			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		992803283			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:		95			
Recommended Pump Depth:		100			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933605649			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52			
Water Found Depth UOM:		ft			

<a href="#">18</a>	1 of 1	ESE/184.7	270.8 / 4.08	lot 21 con 9 ON	WWIS
Well ID:	2801406			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/29/1961

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			<b>Selected Flag:</b>	Yes
Final Well Status:	Water Supply			<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b>	1325
Casing Material:				<b>Form Version:</b>	1
Audit No:				<b>Owner:</b>	
Tag:				<b>Street Name:</b>	
Construction Method:				<b>County:</b>	HALTON
Elevation (m):				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				<b>Site Info:</b>	
Depth to Bedrock:				<b>Lot:</b>	021
Well Depth:				<b>Concession:</b>	09
Overburden/Bedrock:				<b>Concession Name:</b>	CON
Pump Rate:				<b>Easting NAD83:</b>	
Static Water Level:				<b>Northing NAD83:</b>	
Flowing (Y/N):				<b>Zone:</b>	
Flow Rate:				<b>UTM Reliability:</b>	
Clear/Cloudy:					

#### Bore Hole Information

Bore Hole ID:	10147960	Elevation:	271.44
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	585839.4
Code OB Desc:	Overburden	Org CS:	
Open Hole:		North83:	4834748
Cluster Kind:		UTMRC:	4
Date Completed:	18-JUL-61	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	931425303
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft
Formation ID:	931425304
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Formation End Depth:</b>		27			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801406			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696530			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251726			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>					
<b>Depth To:</b>		27			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801406			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>					
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933603164			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		20			
<b>Water Found Depth UOM:</b>		ft			
<a href="#">19</a>	1 of 1	WSW/200.9	269.1 / 2.36	lot 22 con 8 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well ID:</b>	2804390			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	2/8/1974
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1660
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	022
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

### Bore Hole Information

<b>Bore Hole ID:</b>	10150909	<b>Elevation:</b>	271.37
<b>DP2BR:</b>	25	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	585154.4
<b>Code OB Desc:</b>	Bedrock	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834783
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	15-OCT-73	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

### Overburden and Bedrock

#### Materials Interval

<b>Formation ID:</b>	931435659
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	02
<b>Most Common Material:</b>	TOPSOIL
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	1
<b>Formation End Depth UOM:</b>	ft
<b>Formation ID:</b>	931435661
<b>Layer:</b>	3
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	17
<b>Most Common Material:</b>	SHALE
<b>Mat2:</b>	
<b>Other Materials:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		25			
<b>Formation End Depth:</b>		28			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931435660			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		13			
<b>Other Materials:</b>		BOULDERS			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		25			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931435662			
<b>Layer:</b>		4			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		28			
<b>Formation End Depth:</b>		32			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962804390			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10699479			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930256551			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		29			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930256552			
<b>Layer:</b>		2			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		32			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992804390			
<b>Pump Set At:</b>					
<b>Static Level:</b>		15			
<b>Final Level After Pumping:</b>		30			
<b>Recommended Pump Depth:</b>		30			
<b>Pumping Rate:</b>		4			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		3			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934453410			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		22			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934179349			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		22			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934712602			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		22			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934964720			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		30			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933607218			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		30			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">20</a>	1 of 1	WSW/211.9	269.7 / 2.91	lot 21 con 8 ON	WWIS
<b>Well ID:</b>		2801260		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b> 1	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 7/2/1958	
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 4838	
<b>Casing Material:</b>				<b>Form Version:</b> 1	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> HALTON	
<b>Elevation (m):</b>				<b>Municipality:</b> HALTON HILLS TOWN (ESQUESING)	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b> 021	
<b>Well Depth:</b>				<b>Concession:</b> 08	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b> CON	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10147814		<b>Elevation:</b> 271.48	
<b>DP2BR:</b>		8		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 17	
<b>Code OB:</b>		r		<b>East83:</b> 585198.4	
<b>Code OB Desc:</b>		Bedrock		<b>Org CS:</b>	
<b>Open Hole:</b>				<b>North83:</b> 4834720	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 9	
<b>Date Completed:</b>		22-APR-58		<b>UTMRC Desc:</b> unknown UTM	
<b>Remarks:</b>				<b>Location Method:</b> p9	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931424835			
<b>Layer:</b>		3			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		8			
<b>Formation End Depth:</b>		96			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931424834			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Other Materials:</b>		STONES			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		8			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931424833			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		2			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801260			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696384			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251488			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		14			
<b>Casing Diameter:</b>		7			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930251489			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		96			
<b>Casing Diameter:</b>		7			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Test ID:</b>		992801260			
<b>Pump Set At:</b>					
<b>Static Level:</b>		11			
<b>Final Level After Pumping:</b>		55			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		6			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933602937			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		42			
<b>Water Found Depth UOM:</b>		ft			
<b>Water ID:</b>		933602939			
<b>Layer:</b>		3			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		88			
<b>Water Found Depth UOM:</b>		ft			
<b>Water ID:</b>		933602938			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		65			
<b>Water Found Depth UOM:</b>		ft			

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1 of 1

E/213.5

269.9 / 3.10

lot 21 con 9  
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WWIS

<b>Well ID:</b>	2804110	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	5/10/1973
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3637
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	HALTON
<b>Elevation (m):</b>		<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	021
<b>Well Depth:</b>		<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10150634			<b>Elevation:</b>	269.89
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	o			<b>East83:</b>	585904.4
<b>Code OB Desc:</b>	Overburden			<b>Org CS:</b>	
<b>Open Hole:</b>				<b>North83:</b>	4834823
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	01-FEB-72			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	931434561				
<b>Layer:</b>	2				
<b>Color:</b>	6				
<b>General Color:</b>	BROWN				
<b>Mat1:</b>	28				
<b>Most Common Material:</b>	SAND				
<b>Mat2:</b>	11				
<b>Other Materials:</b>	GRAVEL				
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	1				
<b>Formation End Depth:</b>	16				
<b>Formation End Depth UOM:</b>	ft				
<b>Formation ID:</b>	931434563				
<b>Layer:</b>	4				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>	28				
<b>Most Common Material:</b>	SAND				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	23				
<b>Formation End Depth:</b>	28				
<b>Formation End Depth UOM:</b>	ft				
<b>Formation ID:</b>	931434562				
<b>Layer:</b>	3				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	16				
<b>Formation End Depth:</b>	23				
<b>Formation End Depth UOM:</b>	ft				
<b>Formation ID:</b>	931434560				



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962804110			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10699204			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930256136			
<b>Layer:</b>		1			
<b>Material:</b>		3			
<b>Open Hole or Material:</b>		CONCRETE			
<b>Depth From:</b>					
<b>Depth To:</b>		28			
<b>Casing Diameter:</b>		30			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992804110			
<b>Pump Set At:</b>					
<b>Static Level:</b>		8			
<b>Final Level After Pumping:</b>		24			
<b>Recommended Pump Depth:</b>		24			
<b>Pumping Rate:</b>		14			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		5			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934971878			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		24			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934177737			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		12			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934711555			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		20			
<b>Test Level UOM:</b>		ft			
<b>Pump Test Detail ID:</b>		934452364			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		16			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933606821			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		23			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">22</a>	1 of 1	SE/231.3	261.3 / -5.46	ON	WWIS
<b>Well ID:</b>	2801661			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	12/11/1957
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	4838
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	HALTON
<b>Elevation (m):</b>				<b>Municipality:</b>	HALTON HILLS TOWN (GEORGETOWN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10148215			<b>Elevation:</b>	261.11
<b>DP2BR:</b>	20			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	585719.4
<b>Code OB Desc:</b>	Bedrock			<b>Org CS:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Open Hole:</b>				<b>North83:</b>	4834523
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	29-JUL-57			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931426156			
<b>Layer:</b>		3			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		20			
<b>Formation End Depth:</b>		62			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931426154			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931426155			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Other Materials:</b>		STONES			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		20			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		962801661			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>			10696785		
<b>Casing No:</b>			1		
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930252146		
<b>Layer:</b>			1		
<b>Material:</b>			1		
<b>Open Hole or Material:</b>			STEEL		
<b>Depth From:</b>					
<b>Depth To:</b>			32		
<b>Casing Diameter:</b>			6		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b>Casing ID:</b>			930252147		
<b>Layer:</b>			2		
<b>Material:</b>			4		
<b>Open Hole or Material:</b>			OPEN HOLE		
<b>Depth From:</b>					
<b>Depth To:</b>			62		
<b>Casing Diameter:</b>			6		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>			992801661		
<b>Pump Set At:</b>					
<b>Static Level:</b>			20		
<b>Final Level After Pumping:</b>			35		
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>			2		
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>			ft		
<b>Rate UOM:</b>			GPM		
<b>Water State After Test Code:</b>			2		
<b>Water State After Test:</b>			CLOUDY		
<b>Pumping Test Method:</b>			1		
<b>Pumping Duration HR:</b>			3		
<b>Pumping Duration MIN:</b>			0		
<b>Flowing:</b>			N		
<b><u>Water Details</u></b>					
<b>Water ID:</b>			933603481		
<b>Layer:</b>			2		
<b>Kind Code:</b>			1		
<b>Kind:</b>			FRESH		
<b>Water Found Depth:</b>			54		
<b>Water Found Depth UOM:</b>			ft		
<b>Water ID:</b>			933603482		
<b>Layer:</b>			3		
<b>Kind Code:</b>			1		
<b>Kind:</b>			FRESH		
<b>Water Found Depth:</b>			60		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water Found Depth UOM:</b>		ft			
<b>Water ID:</b>		933603480			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		42			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">23</a>	1 of 1	SSE/247.8	258.7 / -8.08	lot 21 con 9 ON	WWIS
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<b>Well ID:</b>	2801402	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	7/20/1956
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	4838
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	HALTON
<b>Elevation (m):</b>		<b>Municipality:</b>	HALTON HILLS TOWN (ESQUESING)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	021
<b>Well Depth:</b>		<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

#### Bore Hole Information

<b>Bore Hole ID:</b>	10147956	<b>Elevation:</b>	257.98
<b>DP2BR:</b>	15	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	585709.4
<b>Code OB Desc:</b>	Bedrock	<b>Org CS:</b>	
<b>Open Hole:</b>		<b>North83:</b>	4834488
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	19-JUN-56	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	931425292
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	12
<b>Other Materials:</b>	STONES
<b>Mat3:</b>	05

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>		CLAY			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		15			
<b>Formation End Depth UOM:</b>		ft			
<b>Formation ID:</b>		931425293			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		53			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		962801402			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10696526			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930251718			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		21			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b>Casing ID:</b>		930251719			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		53			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		992801402			
<b>Pump Set At:</b>					
<b>Static Level:</b>		12			
<b>Final Level After Pumping:</b>		53			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>	4				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	1				
<b>Pumping Duration MIN:</b>	30				
<b>Flowing:</b>	N				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933603155				
<b>Layer:</b>	1				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	35				
<b>Water Found Depth UOM:</b>	ft				
<b>Water ID:</b>	933603156				
<b>Layer:</b>	2				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	48				
<b>Water Found Depth UOM:</b>	ft				

# Unplottable Summary

Total: **22** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Eden Oak (Main Street) Inc.	Part of Lot 20, Conc. 8, Esq	Halton Hills ON	
CA	Moore Park Water Pumping Station	Part East Half of Lot 21, Concession 8, Georgetown	Halton Hills ON	
CA	INTERNATIONAL BIBLE STUDENTS	LOT 21, CONC. 8	HALTON HILLS TOWN ON	
CA	Extencicare Nursing Home	Part West Half Lot 20, Concession 8, RP 20M-575	Halton Hills ON	
CA	MEAGAN DEVELOPMENTS LIMITED	OAK RIDGE DRIVE	HALTON HILLS TOWN ON	
CA	R.M. OF HALTON	WILDWOOD RD.	HALTON HILLS TOWN ON	
ECA	Eden Oak (Main Street) Inc.	Part of Lot 20, Conc. 8, Esq	Halton Hills ON	L5G 3H5
ECA	Eden Oak (Main Street) Inc.	Part of Lot 20, Concession 8, Esq.	Halton Hills ON	L5G 3H5
GEN	UNION GAS LIMITED	VARIOUS SITES WITHIN THE MOE CENTRAL REGION	(SEE SCHEDULE B) ON	N7M 5M1
GEN	UNION GAS LIMITED	VARIOUS SITES WITHIN THE MOE CENTRAL REGION	(SEE SCHEDULE B) ON	N7M 5M1
GEN	UNION GAS LIMITED	VARIOUS SITES WITHIN THE MOE CENTRAL REGION	(SEE SCHEDULE B) ON	N7M 5M1
GEN	UNION GAS LIMITED	VARIOUS SITES WITHIN THE MOE CENTRAL REGION	(SEE SCHEDULE B) ON	
PRT	WATCHTOWER BIBLE & TRACT SOCIETY	LOT 21 CON 8	GEORGETOWN ON	
PTTW	Watchtower Bible & Track Society of Canada	Lot 21, Concession 8 TOWN OF HALTON HILLS	ON	
SPL	Terratec Environmental Limited	8th Line, North of 5 Side Rd	Halton Hills ON	
SPL	Con-Drain Company Limited	CONSTRUCTION SITE AT 8TH LINE JUST NORTH OF 15TH SIDE ROAD<UNOFFICIAL>	Halton Hills ON	



SPL	PRIVATE RESIDENCE	8TH LINE, 1 MILE S OF REG.RD.10 E. OF ASHGROVE (RR 2 GEORGETOWN) FURNACE OIL TANK	HALTON HILLS TOWN ON
SPL	PUC	LOT 8 CONCESSION 8 8TH LINE HALTON HILLS TRANSFORMER	HALTON HILLS TOWN ON
SPL	Union Gas Limited		Halton Hills ON
SPL	Union Gas Limited	Georgetown	Halton Hills ON
SPL	Union Gas Limited		Halton Hills ON
WWIS		lot 20 con 8	ON

# Unplottable Report

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**Site:** *Eden Oak (Main Street) Inc.*  
*Part of Lot 20, Conc. 8, Esq Halton Hills ON*

**Database:**  
*CA*

**Certificate #:** 1076-8KNP4L  
**Application Year:** 2011  
**Issue Date:** 8/18/2011  
**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::**

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**Site:** *Moore Park Water Pumping Station*  
*Part East Half of Lot 21, Concession 8, Georgetown Halton Hills ON*

**Database:**  
*CA*

**Certificate #:** 7-0799-97-006  
**Application Year:** 01  
**Issue Date:** 11/9/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** Notice  
**Client Name::** The Corporation of the Regional Municipality of Halton  
**Client Address::** 1151 Bronte Road  
**Client City::** Oakville  
**Client Postal Code::** L6M 3L1  
**Project Description::** This application is for the installation of a fire booster pump rated at 176 L/s at 15.2m TDH complete with controls and instrumentation. The pump will boost water pressure from 33.5 metres to 48.7 metres at the Moore Park water pumping station.  
**Contaminants::**  
**Emission Control::**

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**Site:** *INTERNATIONAL BIBLE STUDENTS*  
*LOT 21, CONC. 8 HALTON HILLS TOWN ON*

**Database:**  
*CA*

**Certificate #:** 8-3123-90-  
**Application Year:** 90  
**Issue Date:** 9/14/1990  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::** PRINTING PLANT-DRYER, DRYER INKS, SOLVEN  
**Contaminants::** Nitrogen Oxides  
**Emission Control::** Thermal Incineration

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**Site:** *Extendicare Nursing Home*  
*Part West Half Lot 20, Concession 8, RP 20M-575 Halton Hills ON*

**Database:**  
*CA*

**Certificate #:** 6587-4WKHG3  
**Application Year:** 01  
**Issue Date:** 5/14/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name::** 1320853 Ontario Limited  
**Client Address::** 26 Cedar Drive  
**Client City::** Halton Hills  
**Client Postal Code::**  
**Project Description::** Installation of Sanitary Sewers on Lindsay Court, Highway #7 and Easement.  
**Contaminants::**  
**Emission Control::**

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**Site:** **MEAGAN DEVELOPMENTS LIMITED**  
**OAK RIDGE DRIVE HALTON HILLS TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-0942-88-  
**Application Year:** 88  
**Issue Date:** 6/17/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name::**  
**Client Address::**  
**Client City::**  
**Client Postal Code::**  
**Project Description::**  
**Contaminants::**  
**Emission Control::**

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**Site:** **R.M. OF HALTON**  
**WILDWOOD RD. HALTON HILLS TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-1313-87-  
**Application Year:** 87  
**Issue Date:** 8/31/1987  
**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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**Site:** **Eden Oak (Main Street) Inc.**  
**Part of Lot 20, Conc. 8, Esq Halton Hills ON L5G 3H5**

**Database:**  
**ECA**

**Approval No:** 1076-8KNP4L  
**Approval Date:** 2011-08-18  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Lot 20, Conc. 8, Esq  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6864-8KDHB6-14.pdf>

**SWP Area Name:**  
**MOE District:**  
**City:** Halton Hills  
**Longitude:**  
**Latitude:**

**Site:** *Eden Oak (Main Street) Inc.  
Part of Lot 20, Concession 8, Esq. Halton Hills ON L5G 3H5*

**Database:**  
*ECA*

**Approval No:** 8438-8N3NU7  
**Approval Date:** 2011-11-04  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**MOE District:**  
**City:** Halton Hills  
**Longitude:**  
**Latitude:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Lot 20, Concession 8, Esq.  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4796-8MYKND-14.pdf>

**Site:** *UNION GAS LIMITED  
VARIOUS SITES WITHIN THE MOE CENTRAL REGION (SEE SCHEDULE B) ON N7M 5M1*

**Database:**  
*GEN*

**Generator No.:** ONR001003  
**Status:**  
**Approval Years:** 2010  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 221210  
**SIC Description:** Natural Gas Distribution  
**PO Box No.:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No. Admin:**

**--Details--**

**Waste Code:** 263  
**Waste Description:** ORGANIC LABORATORY CHEMICALS

**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

**Site:** *UNION GAS LIMITED  
VARIOUS SITES WITHIN THE MOE CENTRAL REGION (SEE SCHEDULE B) ON N7M 5M1*

**Database:**  
*GEN*

**Generator No.:** ONR001003  
**Status:**  
**Approval Years:** 2012  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 221210  
**SIC Description:** Natural Gas Distribution  
**PO Box No.:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No. Admin:**

**--Details--**

**Waste Code:** 263  
**Waste Description:** ORGANIC LABORATORY CHEMICALS

**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

**Site:** *UNION GAS LIMITED  
VARIOUS SITES WITHIN THE MOE CENTRAL REGION (SEE SCHEDULE B) ON N7M 5M1*

**Database:**  
*GEN*

**Generator No.:** ONR001003  
**Status:**  
**Approval Years:** 2011  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 221210  
**SIC Description:** Natural Gas Distribution  
**PO Box No.:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No. Admin:**

**--Details--**

**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

**Waste Code:** 263  
**Waste Description:** ORGANIC LABORATORY CHEMICALS

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**Site:** UNION GAS LIMITED  
VARIOUS SITES WITHIN THE MOE CENTRAL REGION (SEE SCHEDULE B) ON

**Database:**  
GEN

**Generator No.:** ONR001003  
**Status:**  
**Approval Years:** 2013  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 221210  
**SIC Description:** NATURAL GAS DISTRIBUTION

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

**--Details--**

**Waste Code:** 212  
**Waste Description:** ALIPHATIC SOLVENTS

**Waste Code:** 263  
**Waste Description:** ORGANIC LABORATORY CHEMICALS

---

**Site:** WATCHTOWER BIBLE & TRACT SOCIETY  
LOT 21 CON 8 GEORGETOWN ON

**Database:**  
PRT

**Location ID:** 5148  
**Type:** private  
**Expiry Date:**  
**Capacity (L):** 59098.00  
**Licence #:** 0001038031

---

**Site:** Watchtower Bible & Tract Society of Canada  
Lot 21, Concession 8 TOWN OF HALTON HILLS ON

**Database:**  
PTTW

**EBR Registry No.:** IA00E1140  
**Ministry Ref. No.:** 92-P-3051  
**Notice Type:** Instrument Decision  
**Notice Date:** April 05, 2001  
**Proposal Date:** November 03, 2000  
**Year:** 2000  
**Proponent Address:** P.O. Box 4100, Georgetown Ontario, L7G 4Y4  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Location Other:**

**Location:**

Lot 21, Concession 8 TOWN OF HALTON HILLS

---

**Site:** Terratec Environmental Limited  
8th Line, North of 5 Side Rd Halton Hills ON

**Database:**  
SPL

**Ref No:** 7517-5SER8C  
**Site No:**  
**Incident Dt:** 10/17/2003  
**Year:**  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Event:**  
**Contaminant Code:** 45

**Discharger Report:**  
**Material Group:** Waste  
**Client Type:**  
**Sector Type:**  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:** ROADWAY<UNOFFICIAL>

**Contaminant Name:** BIO-SOLIDS (N.O.S.)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:** 18.925 L  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Human Health/Safety  
**Receiving Medium:** Land  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 10/17/2003  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** Error- Operator error  
**Incident Summary:** Terratec biosolid spill: Halton Hills

**Site Address:**  
**Site District Office:** Halton-Peel  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:** Central  
**Site Municipality:** Halton Hills  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** **Con-Drain Company Limited**  
**CONSTRUCTION SITE AT 8TH LINE JUST NORTH OF 15TH SIDE ROAD<UNOFFICIAL>** Halton Hills ON

**Database:**  
**SPL**

**Ref No:** 0851-63ZK3A  
**Site No:**  
**Incident Dt:** 8/19/2004  
**Year:**  
**Incident Cause:**  
**Incident Event:**  
**Contaminant Code:** 13

**Discharger Report:**  
**Material Group:** Oil  
**Client Type:**  
**Sector Type:**  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:** CONSTRUCTION SITE AT 8TH LINE JUST NORTH OF 15TH SIDE ROAD<UNOFFICIAL>

**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:** 10 L  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:** Land  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 8/19/2004  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:**  
**Incident Summary:** Con Drain-10 L Diesel to Excavation,Contained

**Site Address:**  
**Site District Office:** Halton-Peel  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:** Central  
**Site Municipality:** Halton Hills  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** **PRIVATE RESIDENCE**  
**8TH LINE, 1 MILE S OF REG.RD.10 E. OF ASHGROVE (RR 2 GEORGETOWN) FURNACE OIL TANK HALTON HILLS**  
**TOWN ON**

**Database:**  
**SPL**

**Ref No:** 101969  
**Site No:**  
**Incident Dt:** 6/23/1994  
**Year:**  
**Incident Cause:** ABOVE-GROUND TANK LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:**  
**Environment Impact:** CONFIRMED  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:**  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:**  
**Site Address:**  
**Site District Office:**  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 14401  
**Site Lot:**  
**Site Conc:**

**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 6/28/1994  
**Dt Document Closed:**  
**SAC Action Class:**  
**Incident Reason:** CORROSION  
**Incident Summary:** 700 L. FURNACE OIL TO SOIL FROM PRIVATE HEATING TANK 5 DAYS AGO.

**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** PUC  
 LOT 8 CONCESSION 8 8TH LINE HALTON HILLS TRANSFORMER HALTON HILLS TOWN ON

**Database:**  
 SPL

<p> <b>Ref No:</b> 68693  <b>Site No:</b>  <b>Incident Dt:</b> 2/16/1992  <b>Year:</b>  <b>Incident Cause:</b> COOLING SYSTEM LEAK  <b>Incident Event:</b>  <b>Contaminant Code:</b>  <b>Contaminant Name:</b>  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b>  <b>Contaminant Qty:</b>  <b>Environment Impact:</b> NOT ANTICIPATED  <b>Nature of Impact:</b>  <b>Receiving Medium:</b> LAND  <b>Receiving Env:</b>  <b>Health/Env Conseq:</b>  <b>MOE Response:</b>  <b>Dt MOE Arvl on Scn:</b>  <b>MOE Reported Dt:</b> 2/17/1992  <b>Dt Document Closed:</b>  <b>SAC Action Class:</b>  <b>Incident Reason:</b> DAMAGE BY MOVING EQUIPMENT  <b>Incident Summary:</b> BACKENTRY HALTON HILLS HYDRO - 20 L OF MINERAL OIL TO GROUND         </p>	<p> <b>Discharger Report:</b>  <b>Material Group:</b>  <b>Client Type:</b>  <b>Sector Type:</b>  <b>Source Type:</b>  <b>Nearest Watercourse:</b>  <b>Site Name:</b>  <b>Site Address:</b>  <b>Site District Office:</b>  <b>Site County/District:</b>  <b>Site Postal Code:</b>  <b>Site Region:</b>  <b>Site Municipality:</b> 14401  <b>Site Lot:</b>  <b>Site Conc:</b>  <b>Northing:</b>  <b>Easting:</b>  <b>Site Geo Ref Accu:</b>  <b>Site Geo Ref Meth:</b>  <b>Site Map Datum:</b> </p>
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**Site:** Union Gas Limited  
 Halton Hills ON

**Database:**  
 SPL

<p> <b>Ref No:</b> 2176-953S6F  <b>Site No:</b>  <b>Incident Dt:</b> 19-FEB-13  <b>Year:</b>  <b>Incident Cause:</b> Leak/Break  <b>Incident Event:</b>  <b>Contaminant Code:</b> 35  <b>Contaminant Name:</b> NATURAL GAS (METHANE)  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b>  <b>Contaminant Qty:</b> 0 other - see incident description  <b>Environment Impact:</b> Not Anticipated  <b>Nature of Impact:</b> Air Pollution  <b>Receiving Medium:</b>  <b>Receiving Env:</b>  <b>Health/Env Conseq:</b>  <b>MOE Response:</b> Not MOE mandate  <b>Dt MOE Arvl on Scn:</b>  <b>MOE Reported Dt:</b> 19-FEB-13  <b>Dt Document Closed:</b> 21-FEB-13  <b>SAC Action Class:</b> TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  <b>Incident Reason:</b> Operator/Human Error  <b>Incident Summary:</b> TSSA: 1/2" plastic damage; safe         </p>	<p> <b>Discharger Report:</b>  <b>Material Group:</b>  <b>Client Type:</b>  <b>Sector Type:</b> Pipeline/Components  <b>Source Type:</b>  <b>Nearest Watercourse:</b>  <b>Site Name:</b> 242 Prince Charles Street&lt;UNOFFICIAL&gt;  <b>Site Address:</b>  <b>Site District Office:</b>  <b>Site County/District:</b>  <b>Site Postal Code:</b>  <b>Site Region:</b>  <b>Site Municipality:</b> Halton Hills  <b>Site Lot:</b>  <b>Site Conc:</b>  <b>Northing:</b>  <b>Easting:</b>  <b>Site Geo Ref Accu:</b>  <b>Site Geo Ref Meth:</b>  <b>Site Map Datum:</b> </p>
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**Site:** Union Gas Limited  
Georgetown Halton Hills ON

**Database:**  
SPL

**Ref No:** 2234-9MGQ4N  
**Site No:** NA  
**Incident Dt:** 2014/07/29  
**Year:**  
**Incident Cause:** Leak/Break  
**Incident Event:**  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:** 0 other - see incident description  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Air Pollution  
**Receiving Medium:**  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:** Referral to others  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2014/07/29  
**Dt Document Closed:** 2014/08/08  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Incident Reason:** Operator/Human Error  
**Incident Summary:** TSSA: 1/2 inch plastic damage, made safe

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:** Pipeline/Components  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:** 32 Weaver Drive<UNOFFICIAL>  
**Site Address:** Georgetown  
**Site District Office:**  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Halton Hills  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** Union Gas Limited  
Halton Hills ON

**Database:**  
SPL

**Ref No:** 8230-92FQEF  
**Site No:**  
**Incident Dt:** 14-NOV-12  
**Year:**  
**Incident Cause:** Leak/Break  
**Incident Event:**  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Contaminant Qty:** 0 other - see incident description  
**Environment Impact:** Confirmed  
**Nature of Impact:** Air Pollution  
**Receiving Medium:**  
**Receiving Env:**  
**Health/Env Conseq:**  
**MOE Response:** Referral to others  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 27-NOV-12  
**Dt Document Closed:** 08-JAN-13  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Incident Reason:** Other  
**Incident Summary:** TSSA: 2" steel damage; safe

**Discharger Report:**  
**Material Group:**  
**Client Type:**  
**Sector Type:** Pipeline/Components  
**Source Type:**  
**Nearest Watercourse:**  
**Site Name:** 188 Main St. N. <UNOFFICIAL>  
**Site Address:**  
**Site District Office:**  
**Site County/District:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Halton Hills  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Geo Ref Meth:**  
**Site Map Datum:**

**Site:** lot 20 con 8 ON

**Database:**  
WWIS

**Well ID:** 2808833  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/3/1998  
**Selected Flag:** Yes  
**Abandonment Rec:**



**Water Type:**  
**Casing Material:**  
**Audit No:** 198153  
**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:**

**Contractor:** 1663  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** HALTON  
**Municipality:** HALTON HILLS TOWN (GEORGETOWN)  
**Site Info:**  
**Lot:** 020  
**Concession:** 08  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10155090  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** x  
**Code OB Desc:** Unknown type in the lower layers(s)  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 13-OCT-98  
**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:** 931453129  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:** 06  
**Other Materials:** SILT  
**Formation Top Depth:** 19  
**Formation End Depth:** 90  
**Formation End Depth UOM:** ft

**Formation ID:** 931453127  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:** 11  
**Other Materials:** GRAVEL  
**Formation Top Depth:** 0  
**Formation End Depth:** 12  
**Formation End Depth UOM:** ft

**Formation ID:** 931453128  
**Layer:** 2

**Color:** 5  
**General Color:** YELLOW  
**Mat1:** 00  
**Most Common Material:** UNKNOWN TYPE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 12  
**Formation End Depth:** 19  
**Formation End Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 962808833  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10703660  
**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 2017**

## **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-Jan 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**

Since May 2002, Ontario developed a new act where it became mandatory for fuel oil tanks to be registered with Technical Standards & Safety Authority (TSSA). This data would include all commercial underground fuel oil tanks in Ontario with fields such as location, registration number, tank material, age of tank and tank size.

**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-Jan 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 31, 2012**

**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-Apr 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-Apr 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-Nov 30, 2017**

**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-Jun 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-Apr 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-Jun 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-Feb 28, 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 with removed tanks which were once 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 automatically fall under the expired facilities inventory held by TSSA.

**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-May 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

The Technical Standards & Safety Authority (TSSA), under the Technical Standards & Safety Act of 2000 maintains a database of registered private and retail fuel storage tanks in Ontario with fields such as location, tank status, license date, tank type, tank capacity, fuel type, installation year and facility type.

**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-December 31, 2017**

**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

This database will cover all incidences recorded by TSSA with their older system, before they moved to their new management system. 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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. The TSSA works to protect the public, the environment and property from fuel-related hazards such as spills, fires and explosions. This database will include spills and leaks from pipelines, diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**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**

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, 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. This database will include spills and leaks from diesel, fuel oil, gasoline, natural gas, propane and hydrogen recorded by the TSSA.

**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: Dec 31, 2013**

**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-Mar 31, 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](http://www.nickles.com).

**Government Publication Date: 1988-April 30, 2018**

**Ontario Oil and Gas Wells:**

Provincial

OGGW

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 OGSRLibrary 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-Apr 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](#)

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, TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. This database will include spills, strike and leaks from recorded by the TSSA.

**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-Apr 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**

<b><u>Record of Site Condition:</u></b>	Provincial	<b>RSC</b>
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).		
<b>Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2018</b>		
<b><u>Retail Fuel Storage Tanks:</u></b>	Private	<b>RST</b>
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.		
<b>Government Publication Date: 1999-Jan 31, 2018</b>		
<b><u>Scott's Manufacturing Directory:</u></b>	Private	<b>SCT</b>
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.		
<b>Government Publication Date: 1992-Mar 2011*</b>		
<b><u>Ontario Spills:</u></b>	Provincial	<b>SPL</b>
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.		
<b>Government Publication Date: 1988-Feb 2018</b>		
<b><u>Wastewater Discharger Registration Database:</u></b>	Provincial	<b>SRDS</b>
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).		
<b>Government Publication Date: 1990-Dec 31, 2016</b>		
<b><u>Anderson's Storage Tanks:</u></b>	Private	<b>TANK</b>
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.		
<b>Government Publication Date: 1915-1953*</b>		
<b><u>Transport Canada Fuel Storage Tanks:</u></b>	Federal	<b>TCFT</b>
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.		
<b>Government Publication Date: 1970-Aug 2017</b>		
<b><u>TSSA Variances for Abandonment of Underground Storage Tanks:</u></b>	Provincial	<b>VAR</b>
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.		
<b>Government Publication Date: Feb 28, 2017</b>		
<b><u>Waste Disposal Sites - MOE CA Inventory:</u></b>	Provincial	<b>WDS</b>
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.		
<b>Government Publication Date: Oct 2011-Jun 30, 2018</b>		

**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.

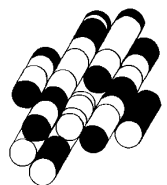
**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number 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.

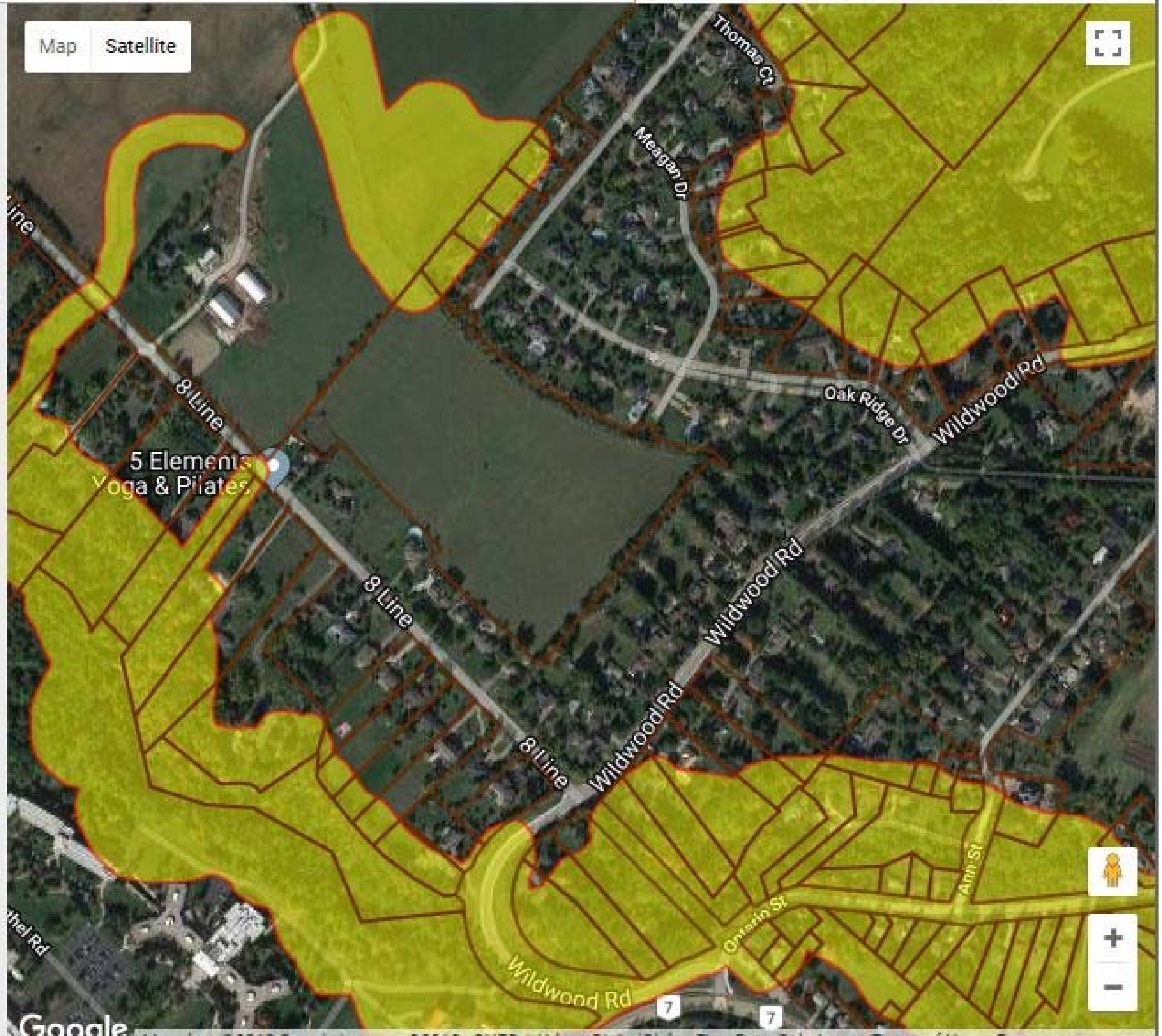
# APPENDIX F

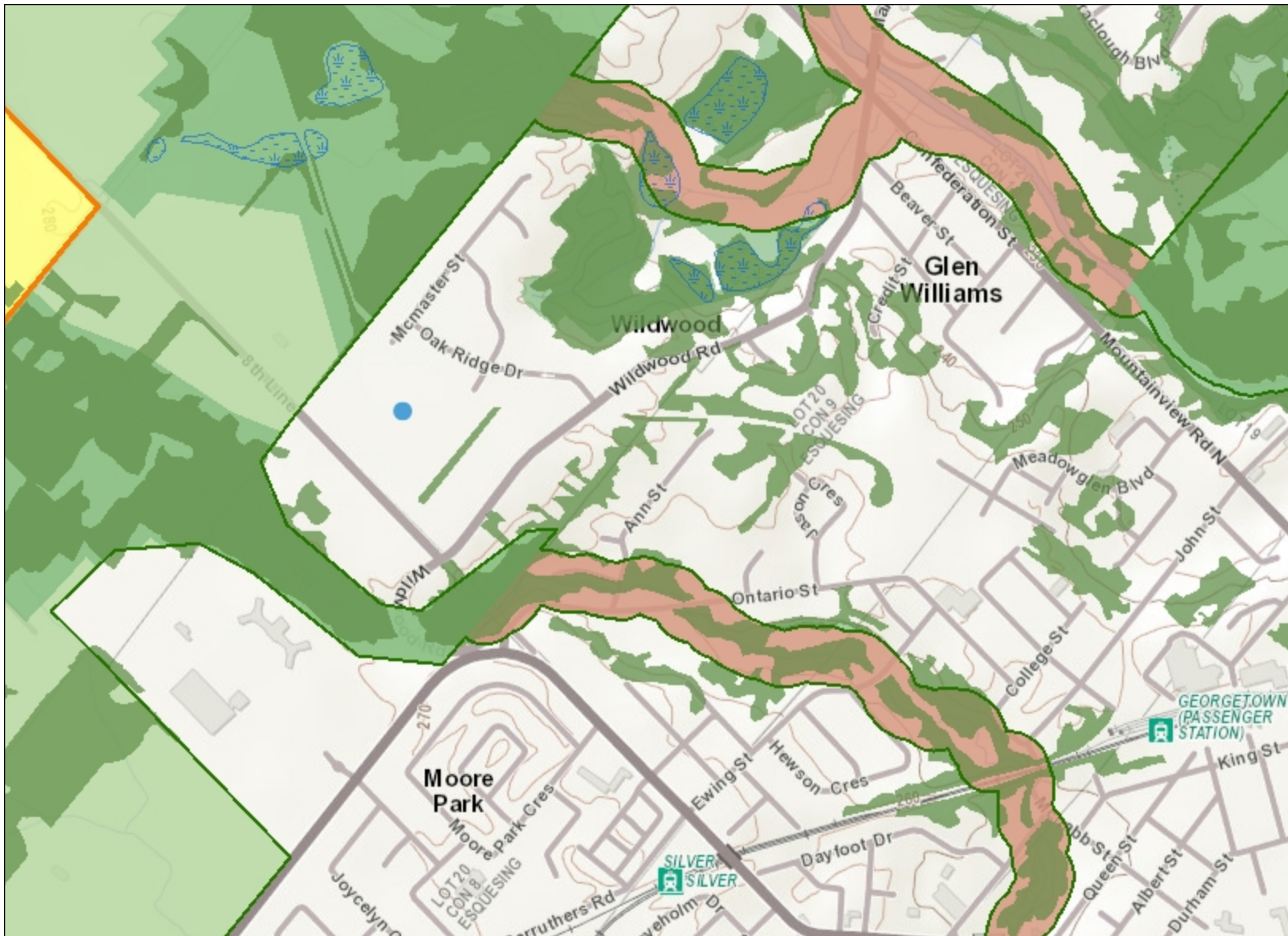
**TERRAPROBE INC.**



-  Watershed Boundary
-  Parcel Boundary
-  Generic Regulation Limit

- Watershed
- Mono, Amaranth, Orangeville & E. Garafraxa: Regulation
- Mono, Amaranth, Orangeville & E. Garafraxa: Parcels
- Erin: Regulation
- Erin: Parcels
- Caledon North: Regulation
- Caledon South: Regulation
- Caledon: Parcels
- Halton Hills: Regulation
- Halton Hills: Parcels
- Brampton: Regulation
- Brampton: Parcels
- Mississauga: Regulation
- Mississauga North Parcels
- Mississauga Central Parcels
- Mississauga South Parcels
- Oakville: Parcels & Regulation





**Legend**

- Assessment Parcel
- Woodland
- Conservation Reserve
- Provincial Park
- Natural Heritage System
- Ecoregion
- Wetland**
  - Provincially Significant Wetland Evaluated
  - Non - Provincially Significant Wetland Evaluated
  - Unevaluated Wetland
- Area of Natural Heritage & Scientific Interest (ANSI)**
  - Provincially Significant Life Science ANSI
  - Provincially Significant Earth Science ANSI
- Greenbelt Plan**
  - Boundary
  - River Valley Connections
- Land Use Designations**
  - Protected Countryside
  - Towns and Villages
  - Hamlets
  - Urban River Valley
  - Specialty Crop Area
- Niagara Escarpment Plan (NEP)**
  - Boundary
  - Parks and Open Space System
- Land Use Designations**
  - Escarpment Natural Area
  - Escarpment Protection Area
  - Escarpment Rural Area
  - Mineral Resource Extraction Area
  - Escarpment Recreation Area
  - Urban Area
  - Minor Urban Centre
- Oak Ridges Moraine Conservation Plan (ORM)**
  - Boundary
  - Natural Core Area
  - Natural Linkage Area
  - Countryside Area
  - Rural Settlement
  - Palgrave Estates Residential Community
  - Settlement Area

0.7 0 0.33 0.7 Kilometers



This map should not be relied on as a precise indicator of routes or locations, nor as a guide to navigation. The Ontario Ministry of Natural Resources and Forestry(OMNRF) shall not be liable in any way for the use of, or reliance upon, this map or any information on this map.

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Ministry of the Environment,  
Conservation and Parks

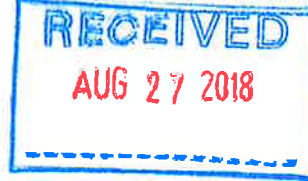
Freedom of Information and  
Protection of Privacy Office

12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075

Ministère de l'Environnement, de  
la Protection de la nature et des  
Parcs

Bureau de l'accès à l'information et  
de la protection de la vie privée

12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075



August 24, 2018

Kyle Reed  
Terraprobe Inc.  
11 Indell Lane  
Brampton, ON L6T 3Y3

Dear Kyle Reed:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2018-05667, Your Reference 1-18-0438-41**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to Lot 21, Concession 9, Georgetown.

After a thorough search through the files of the Ministry's Halton-Peel District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. To provide you with this response and in accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, the fee owed is \$30.00 for 1 hour of search time @ \$30.00 per hour. **We have applied the \$30.00 for this request from your initial payment. This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Erin Hunte at Erin.Hunte@ontario.ca.

Yours truly,

  
Janet Dadufalza  
FOI Manager



From: [Public Information Services](#)  
 To: [Kyle Reed](#)  
 Subject: RE: Preliminary Basic Record Search Request  
 Date: Friday, August 10, 2018 9:50:39 AM  
 Attachments: [pm360011.png](#)  
[pm360012.png](#)  
[pm360013.png](#)  
[pm360014.png](#)  
[pm360015.png](#)

Hi Kyle,

Thank you for your inquiry.

Inst Number	Context	Attribute 1	Attribute 2	Address	City	Province	Postal Code	Inventory Item Id SUM	Inststatusname	Ownername
10231726	FS Facility	-	-	13893 HIGHWAY 7	GEORGETOWN	ON	L7G 4Y4	5030	Active	WATCHTOWER BIBLE & TRACT SOCIETY
11557741	FS Liquid Fuel Tank	Diesel	-	13893 HIGHWAY 7	GEORGETOWN	ON	L7G 4Y4	6932	Active	WATCHTOWER BIBLE & TRACT SOCIETY
11557626	FS Liquid Fuel Tank	Gasoline	-	13893 HIGHWAY 7	GEORGETOWN	ON	L7G 4Y4	6932	Active	WATCHTOWER BIBLE & TRACT SOCIETY
11557669	FS Liquid Fuel Tank	Gasoline	-	13893 HIGHWAY 7	GEORGETOWN	ON	L7G 4Y4	6932	Active	WATCHTOWER BIBLE & TRACT SOCIETY
11557699	FS Liquid Fuel Tank	Gasoline	-	13893 HIGHWAY 7	GEORGETOWN	ON	L7G 4Y4	6932	Active	WATCHTOWER BIBLE & TRACT SOCIETY
R-8001	OE Facility	WATCH TOWER	HIGH PRESSURE STEAM PLANT	13893 HWY 7	GEORGETOWN	ON	L7G 4Y4	4024	Active	WATCH TOWER BIBLE AND TRACT SOCIETY OF CANADA

For a further search in our archives please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to [publicinformation@tssa.org](mailto:publicinformation@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you and have a great day,

Roxana



**Roxana Mashtaler | Public Information Agent**  
 Facilities  
 345 Castlesview Drive  
 Toronto, Ontario M9W 6N9  
 Tel: +1-416-734-3472 | Fax: +1-416-231-6183 | E-Mail: [rmashtaler@tssa.org](mailto:rmashtaler@tssa.org)  
[www.tssa.org](http://www.tssa.org)

From: Kyle Reed [<mailto:kreed@terraprobe.ca>]  
 Sent: August 1, 2018 1:53 PM  
 To: Public Information Services <[publicinformation@tssa.org](mailto:publicinformation@tssa.org)>  
 Subject: Preliminary Basic Record Search Request

Good Afternoon,

I am doing a Phase One Environmental Site Assessment and would like to request a preliminary basic record search for the following properties in Glen Williams (Georgetown), Ontario:

12097, 12158, 12187, 12247 Eighth Line

13893 Highway 7

70, 87 Wildwood Road

29 McMaster Street

15, 21 Oak Ridge Drive

If you require any additional information, please let me know.

Thank you,

**Kyle Reed, B.Sc., P.Geo.**  
 Project Manager

**Terraprobe**

Consulting Geotechnical & Environmental Engineering  
 Construction Materials, Inspection & Testing  
 11 Indell Lane - Brampton, Ontario Canada L6T 3Y3  
 Ph.: (905) 796-2650 / Fax: (905) 796-2250  
[www.terraprobe.ca](http://www.terraprobe.ca)

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Feb 4/19

## Phase One Environmental Site Assessment Interview Questions

Please provide answers to all of the questions listed below, to the best of your knowledge. If you do not know the answer, please write "unknown". If you do not fully understand any of the questions, please contact the project manager, Kyle Reed, for clarification as soon as possible at (905)796-2650.

### Interviewee Information:

1. What is your full name? *Herbert T. Arnold*
2. What is the name of your employer, your position or title, and how long have you been employed with them? *self employed Partner Arnold, Foster Lhb 42 years*
3. What is your relation to the subject property, and how many years have you been involved with the property? *familiar with property from 1980 acted for owner(s) since 2000*
4. Are you aware of any individuals who may have additional knowledge of current activities at the property? If so, please provide the names of those individuals, a description of their relationship to the property, and their contact information (if known). *No one has comparable familiarity*
5. Are you aware of any individuals with knowledge of previous property uses and activities? If so, please provide the names of those individuals, a description of their relationship to the property, and their contact information (if known). *No*

### Current and Past Site Activities

6. What are the current site activities? Please describe briefly, to the best of your knowledge, below. *pasture for cattle*
7. How long has the site been used for its current purpose? How long has your company been at this location? *more than 50 years*
8. To your knowledge, has the site ever been used for:
  - a. Industrial operations (list any if known) *NO*
  - b. On-site dry cleaning *NO*
  - c. Fuel distribution or storage *NO*
  - d. Vehicle servicing and/or maintenance *NO*
9. Other than the activities listed above, what was the site previously used for? Please list all known uses, and approximate dates if known.

*always farmed*

*1973*

## Items of Potential Environmental Concern

If the answer to any of the questions in the section is "yes", please provide details.

### General

10. Do site operations involve the storage and/or use of environmentally sensitive or hazardous products, such as paints, chemicals, fuels, oils and lubricants? *NO*
11. Are herbicides, pesticides, or other agricultural chemicals being used on the property? *NO*
12. Are there any underground structures, such as in-ground hoists, pits, storage tanks, or oil/water separators located on the property? *NO*
13. Are you aware of any wells located on the property? *NO*

### Tanks

14. Are you aware of any existing or previous underground (buried) or aboveground tanks on the property? *NO*
15. Are you aware of any leaks or spills associated with any existing or previous tanks on the property? *NO*
16. Is there any documentation on file regarding removal of underground or aboveground tanks and/or related soil and ground water remediation at the property? *NO*

### Polychlorinated Biphenyls (PCBs)

17. Are you aware of any PCB-containing electrical equipment on the property such as electrical transformers, large capacitors and electric motors manufactured prior to 1980? *NO*
18. Is the site a registered PCB storage facility? *NO*
19. Are you aware of any previous PCB leaks, spills or contamination on the property? *NO*
20. Have there been any previous PCB surveys or removal of PCB-containing materials? *NO*

*293*

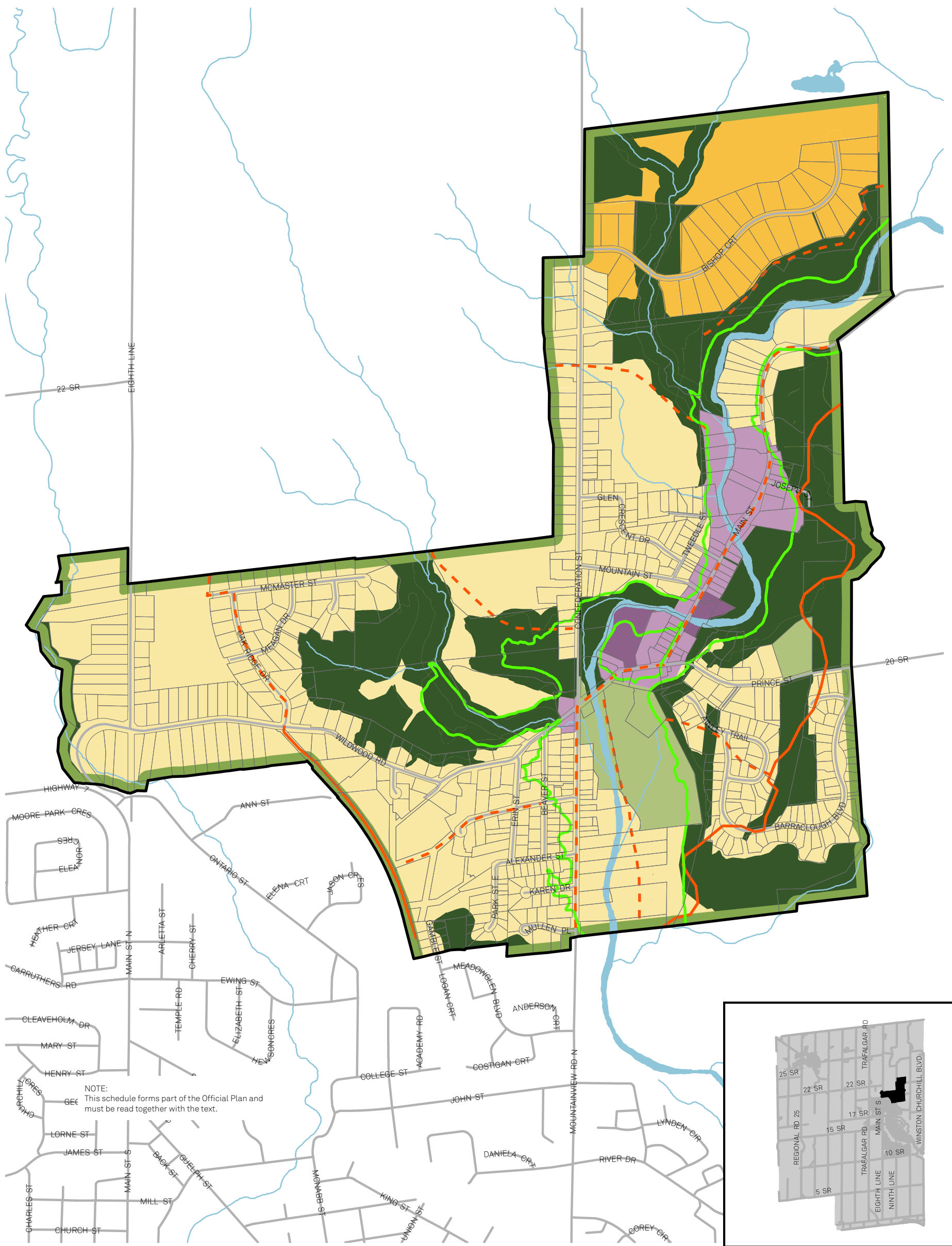
**Waste Generation and Emissions**

21. Is the site registered as a waste generator with the Ministry of the Environment (registered on HWIN)? *no*
22. Is any waste water produced at the site? *no* If yes, please answer the following:
- a. Is analytical testing of waste water carried out?
  - b. Are you aware of any sewer-use by-law infractions?
  - c. Is there a surcharge agreement for discharge to the sewers?
23. Does the facility produce air emissions? *no* If yes, please answer the following:
- a. Does the facility have a Certificate of Approval (C of A) for air emissions?
  - b. Are air emissions from the site monitored?
  - c. Have any ventilation systems been installed to handle air emissions?
  - d. Have there been any reported air emission infractions?




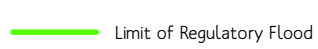







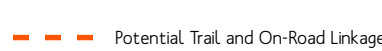

**Environmental Reports, Remediation and Public Agencies**

24. Have any previous environmental assessments or studies been completed for the property with respect to soil, ground water, air quality, site facilities or processes? *no*
25. Has any soil or ground water remediation been completed at the property? *no*
26. Has any public agency (e.g., the Ministry of the Environment, local municipality, etc.) ever investigated or cited the property for violation or possible violation of any environmental law, or commenced enforcement or cleanup action under environmental law with respect to the property? *no*
27. Has any public agency ever listed the property as a site requiring or qualifying for cleanup under environmental law? *no*

*All answers to the best of my knowledge and belief.*  
*Muelof 2013*

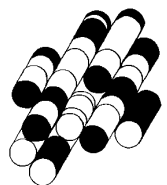


NOTE:  
This schedule forms part of the Official Plan and must be read together with the text.

- |   |  |  |   |
|---|--|--|---|
|  Hamlet Estate Residential Area |  Institutional Area |  Greenlands Categories (Refer to Schedule H4-2) |  Limit of Regulatory Flood           |
|  Hamlet Residential Area        |  Open Space Area    |  Hamlet Boundary                                |  Existing Trail                      |
|  Hamlet Community Core Area     |  Hamlet Buffer      |  Waterbody                                      |  Potential Trail and On-Road Linkage |
|   |  |  |  Watercourse                         |

# APPENDIX G

**TERRAPROBE INC.**

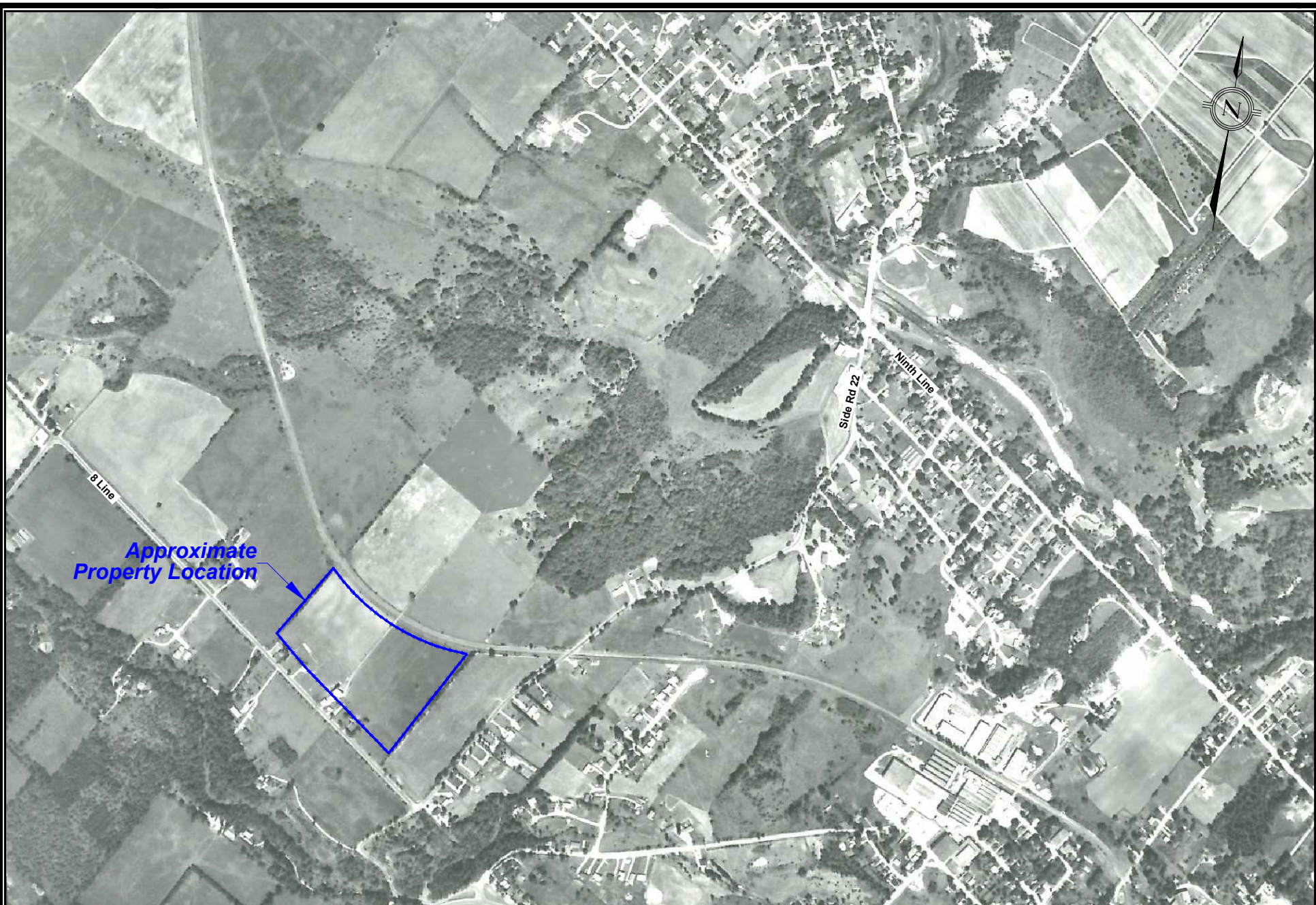





**Terraprobe**  
 11 Indell Lane, Brampton, Ontario, L6T 3Y3  
 Tel: (905) 796-2650 Fax: (905) 796-2250

<b>Title:</b>	AERIAL PHOTOGRAPH
<b>File No.</b>	1-18-0438-41

**YEAR :**  
 1954

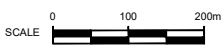


Approximate  
Property Location

8 Line

Side Rd 22

Ninth Line



**Terraprobe**

11 Indell Lane, Brampton, Ontario, L6T 3Y3  
Tel: (905) 796-2650 Fax: (905) 796-2250

Title:

AERIAL PHOTOGRAPH

File No.

1-18-0438-41

YEAR :

1971

Z:\Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esqueing), Glen Williams\1- Phase One ESAA, Dwpis, Loga\AircAD\1-18-0438-41 Aerial Photos.dwg, sringhania





Approximate  
Property Location

2250 Rd

8 Line

Wildwood Rd

Hwy 7

Hwy 7




**Terraprobe**  
 11 Indell Lane, Brampton, Ontario, L6T 3Y3  
 Tel: (905) 796-2650 Fax: (905) 796-2250

<b>Title:</b>	AERIAL PHOTOGRAPH
<b>File No.</b>	1-18-0438-41

**YEAR :**  
 1987

Z:\Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esqueing), Glen Williams\1- Phase One ESAA, Dwpis, Lupa\AircAD\1-18-0438-41 Aerial Photos.dwg, esinghania



**Approximate  
Property Location**

22nd Rd

McMaster St

Oak Ridge Dr

8 Line

Widwood Rd

Hwy 7

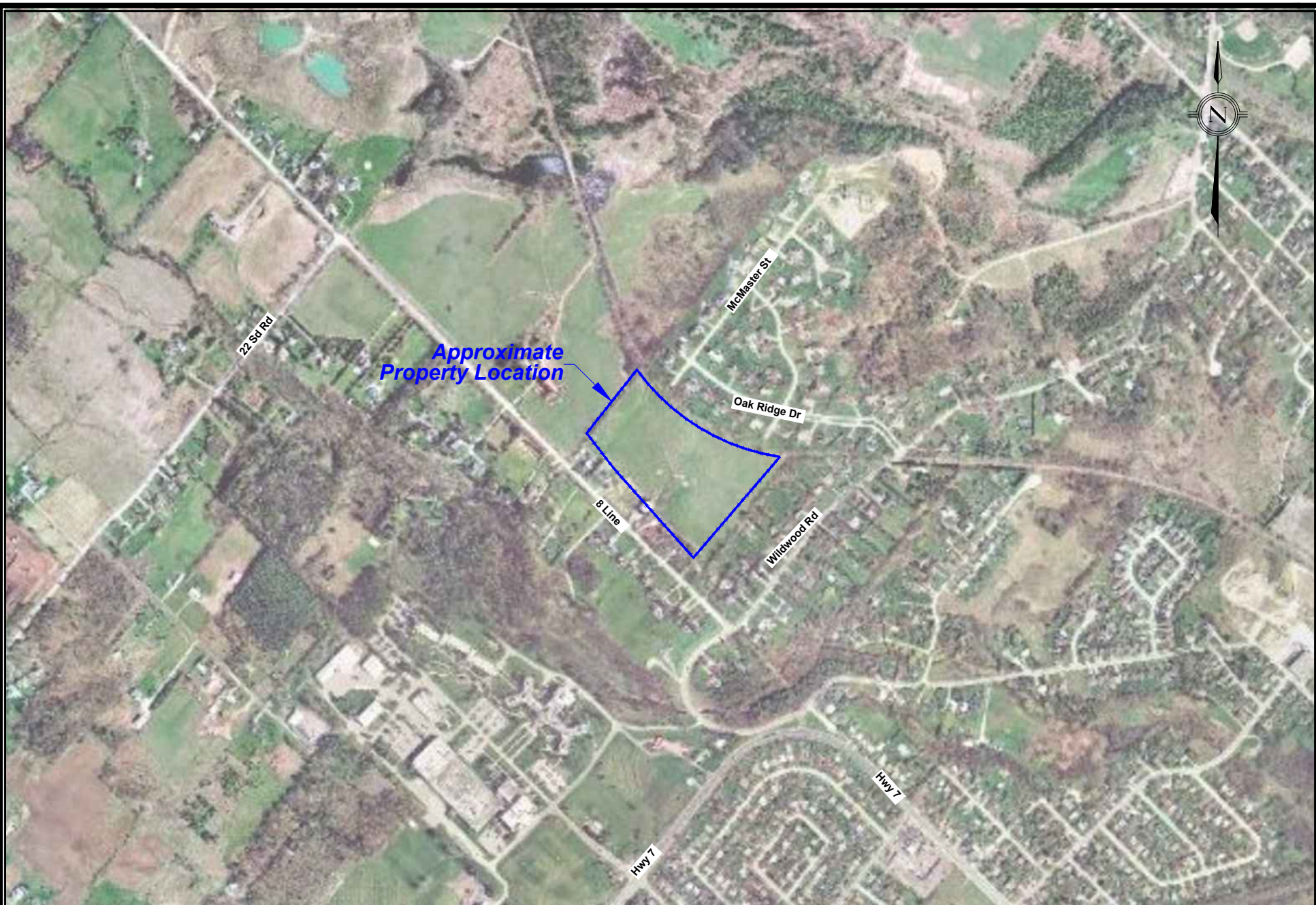
Hwy 7




**Terraprobe**  
 11 Indell Lane, Brampton, Ontario, L6T 3Y3  
 Tel: (905) 796-2650 Fax: (905) 796-2250

<b>Title:</b>	AERIAL PHOTOGRAPH
<b>File No.</b>	1-18-0438-41

**YEAR :**  
 1999



**Approximate  
Property Location**

22nd Rd

McMaster St

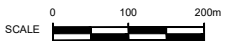
Oak Ridge Dr

8 Line

Widwood Rd

Hwy 7

Hwy 7



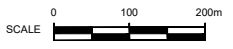

**Terraprobe**  
 11 Indell Lane, Brampton, Ontario, L6T 3Y3  
 Tel: (905) 796-2650 Fax: (905) 796-2250

<b>Title:</b>	AERIAL PHOTOGRAPH
<b>File No.</b>	1-18-0438-41

**YEAR :**  
 2002



Approximate  
Property Location



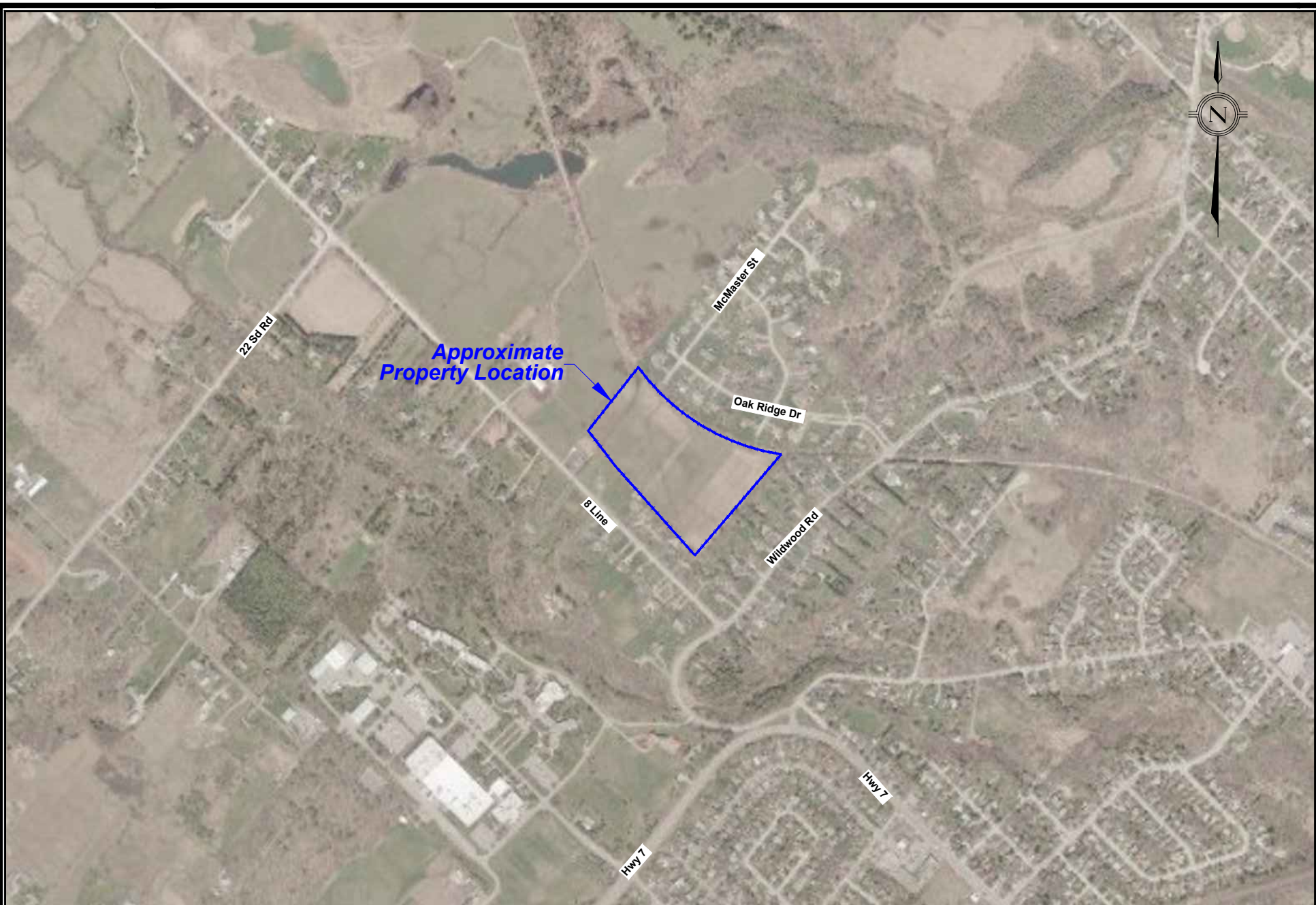
**Terraprobe**  
11 Indell Lane, Brampton, Ontario, L6T 3Y3  
Tel: (905) 796-2650 Fax: (905) 796-2250

Title: AERIAL PHOTOGRAPH

File No. 1-18-0438-41

YEAR :  
**2007**

Z:\Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esqueping), Glen Williams\1- Phase One ESAA, Dwpis, Logpa\AutoCAD\1-18-0438-41 Aerial Photos.dwg, esinghania



**Approximate  
Property Location**

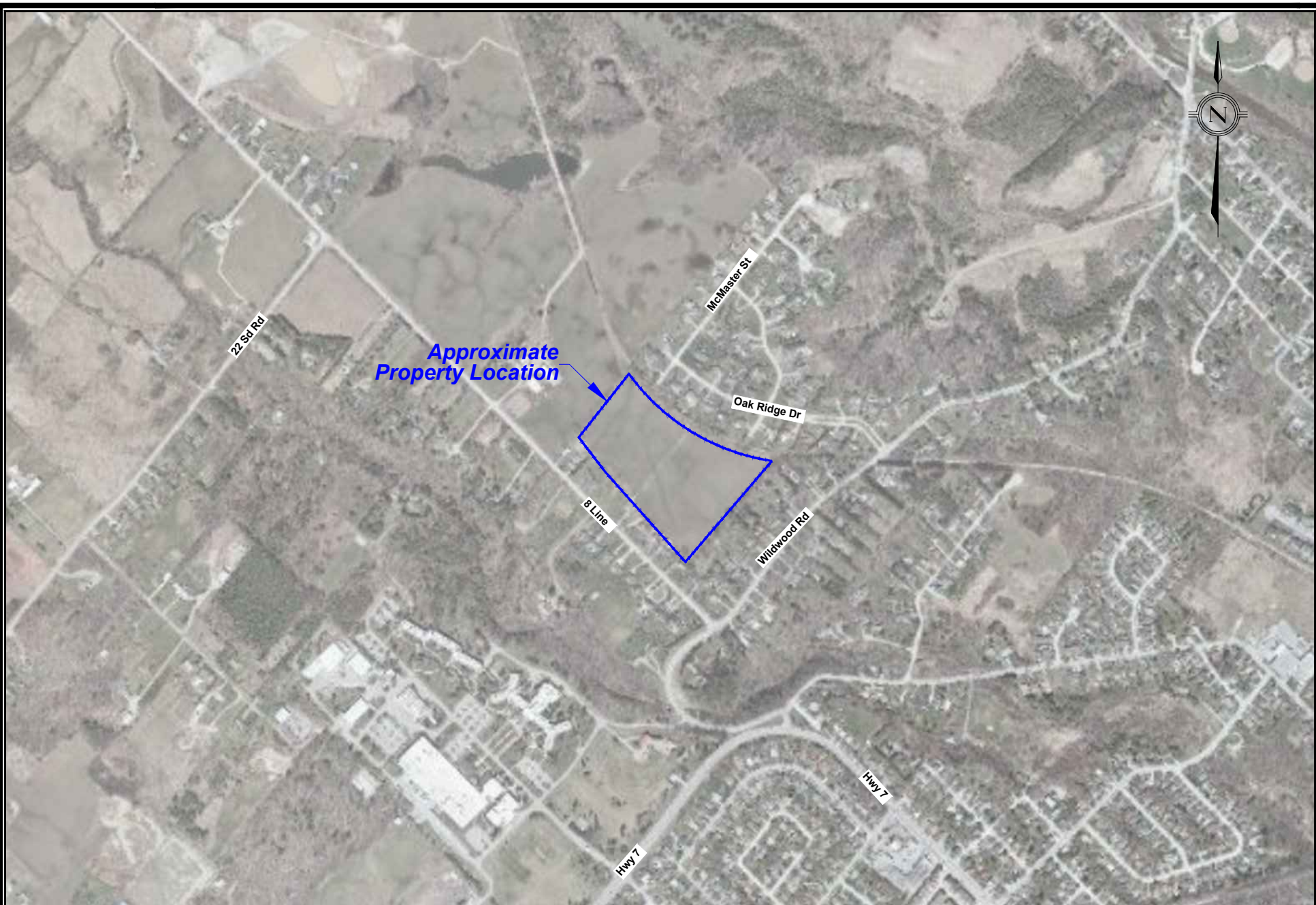


 **Terraprobe**  
11 Indell Lane, Brampton, Ontario, L6T 3Y3  
Tel: (905) 796-2650 Fax: (905) 796-2250

<b>Title:</b>	AERIAL PHOTOGRAPH
<b>File No.</b>	1-18-0438-41

**YEAR :**  
**2011**

Z:\Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esqueping), Glen Williams\1- Phase One ESAA, Dwpis, Loga\AutoCAD\1-18-0438-41 Aerial Photos.dwg, sringhania



Approximate  
Property Location

22 Sd Rd

McMaster St

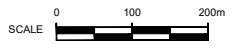
Oak Ridge Dr

8 Line

Widwood Rd

Hwy 7

Hwy 7



 **Terraprobe**  
11 Indell Lane, Brampton, Ontario, L6T 3Y3  
Tel: (905) 796-2650 Fax: (905) 796-2250

Title:	AERIAL PHOTOGRAPH
File No.	1-18-0438-41

YEAR :  
**2013**



Approximate  
Property Location



**Terraprobe**  
11 Indell Lane, Brampton, Ontario, L6T 3Y3  
Tel: (905) 796-2650 Fax: (905) 796-2250

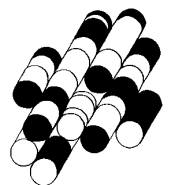
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File No. 1-18-0438-41

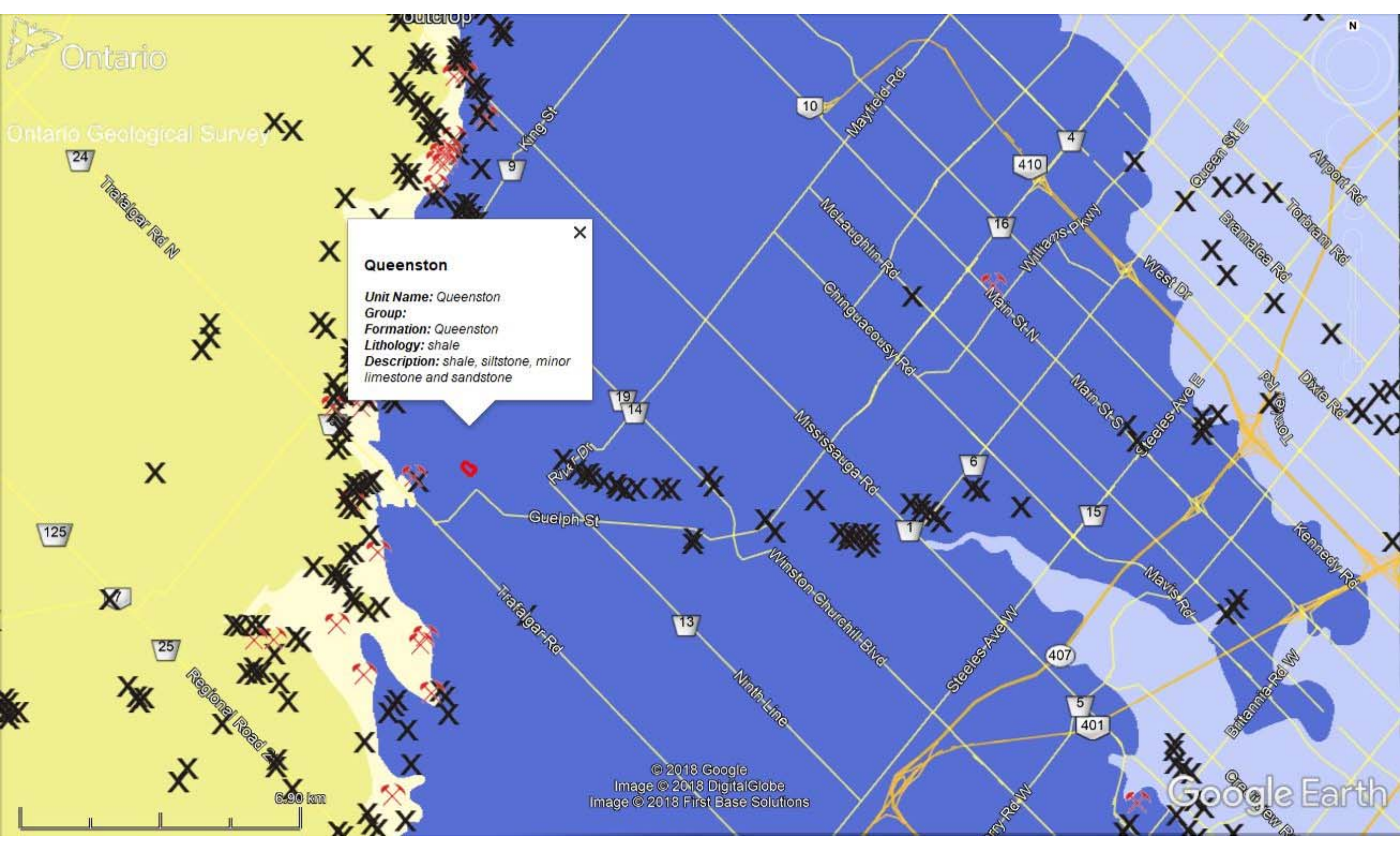
YEAR :  
**2017**

# APPENDIX H

**TERRAPROBE INC.**

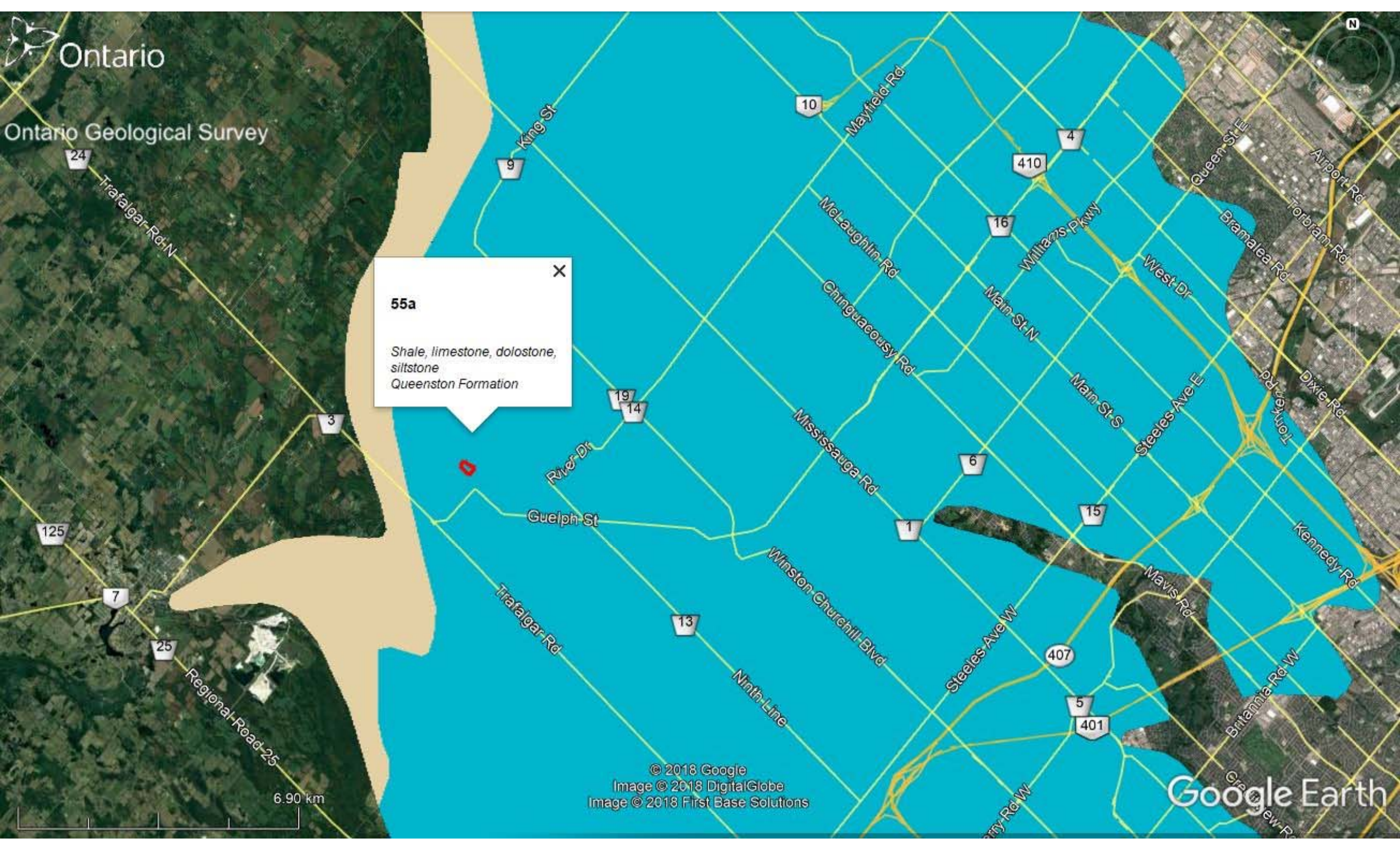






**Queenston**

*Unit Name:* Queenston  
*Group:*  
*Formation:* Queenston  
*Lithology:* shale  
*Description:* shale, siltstone, minor limestone and sandstone



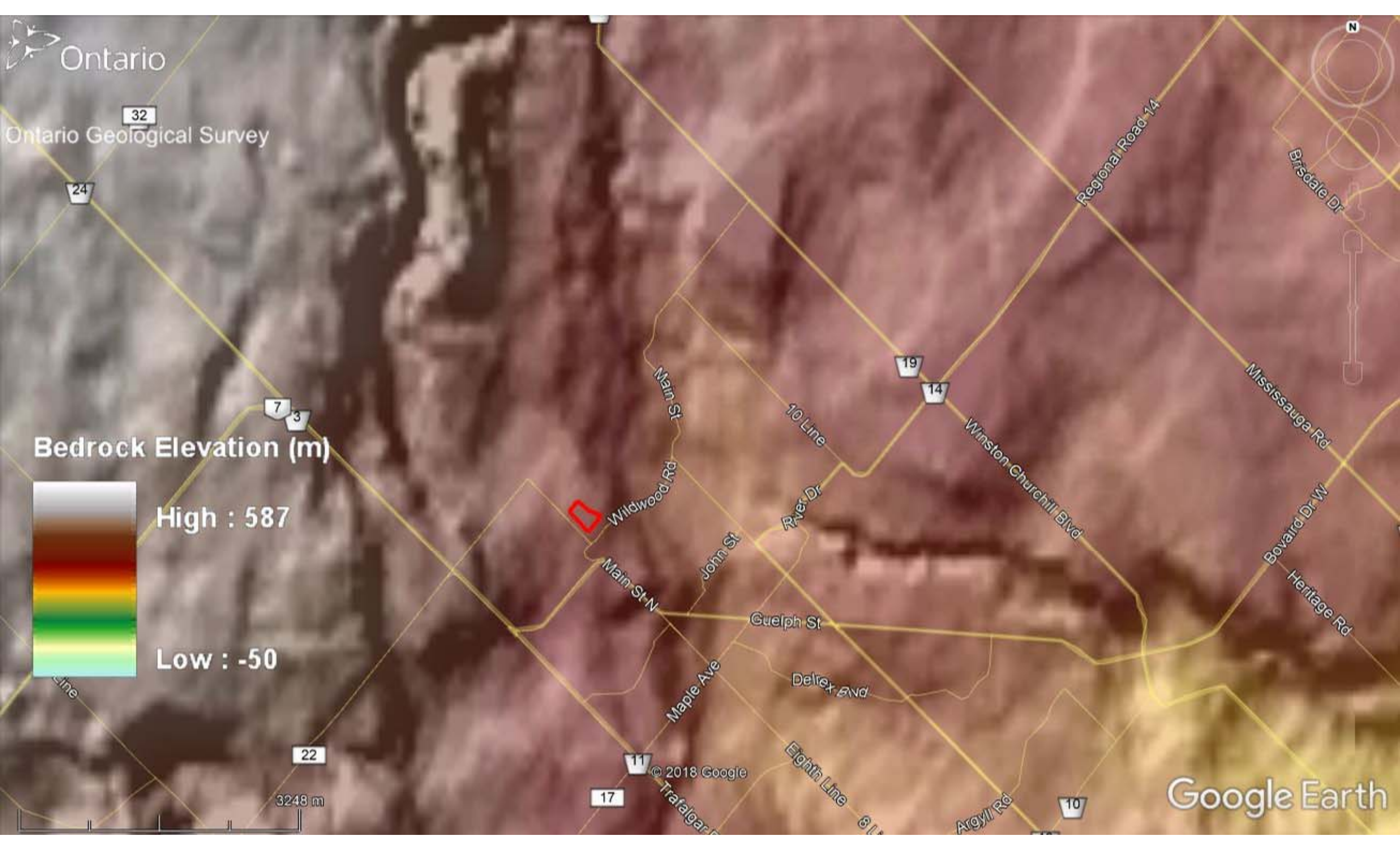
55a  
Shale, limestone, dolostone,  
siltstone  
Queenston Formation

6.90 km

Bedrock Elevation (m)

High : 587

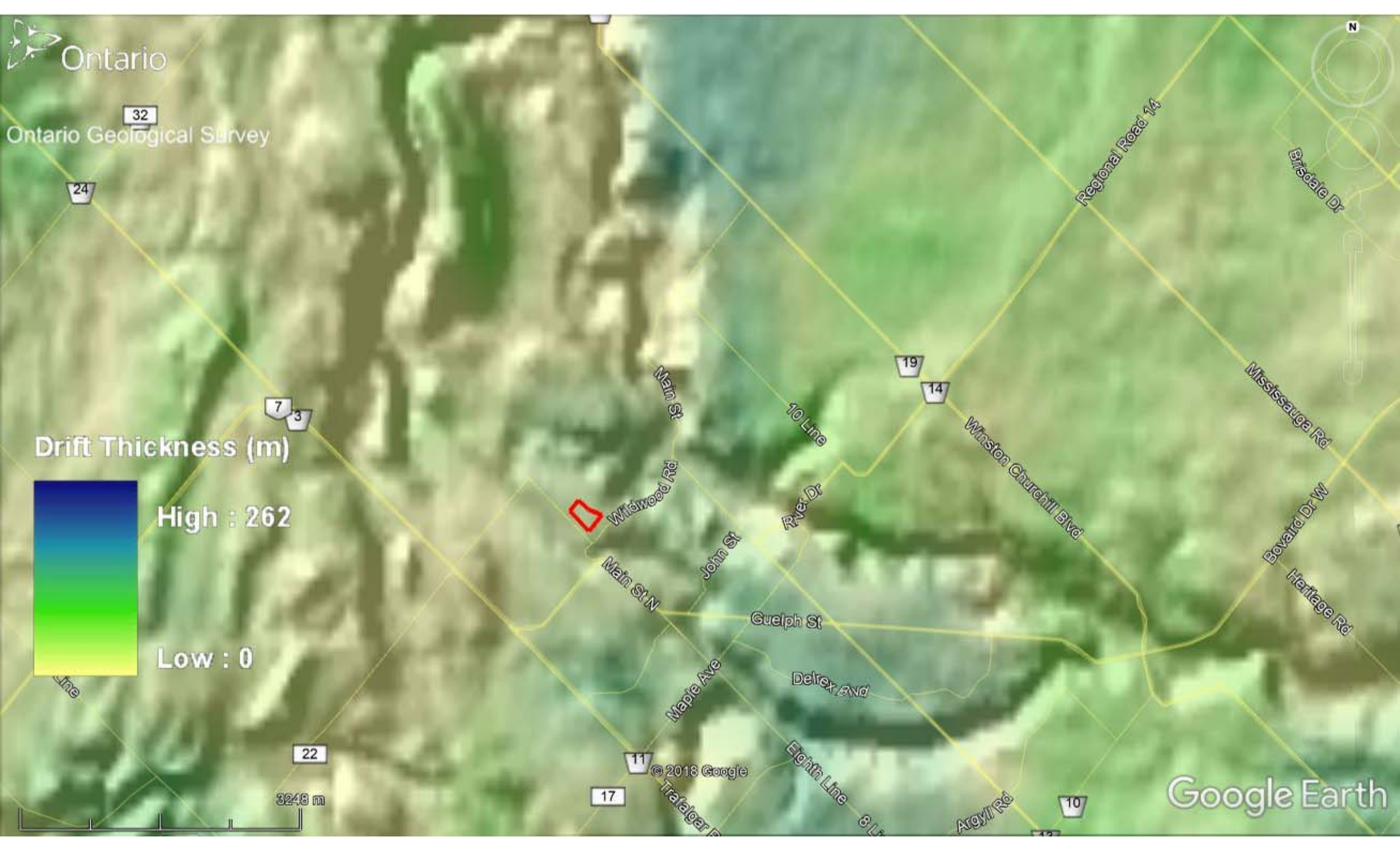
Low : -50

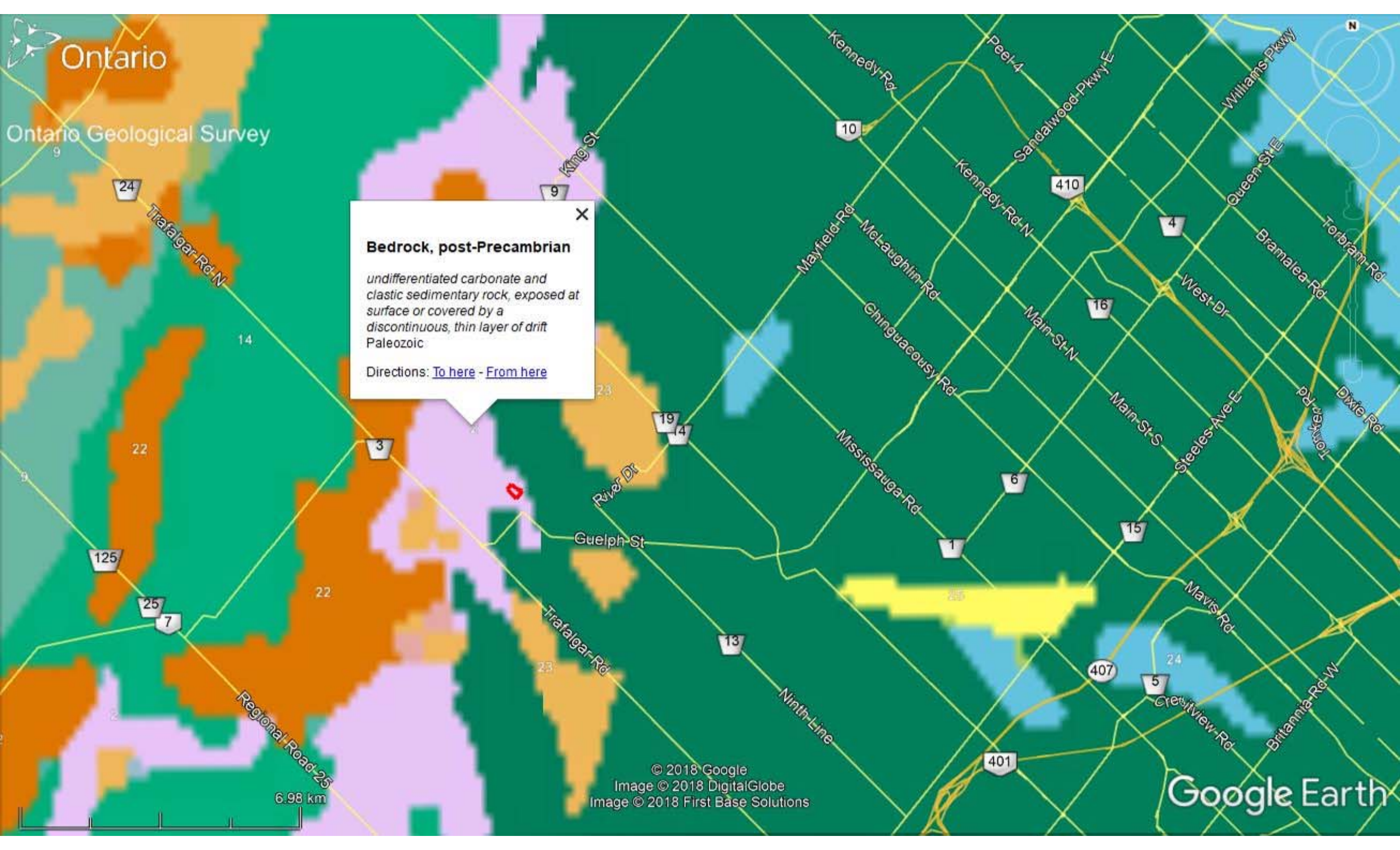


Drift Thickness (m)

High : 262

Low : 0





Ontario

Ontario Geological Survey

**Bedrock, post-Precambrian**

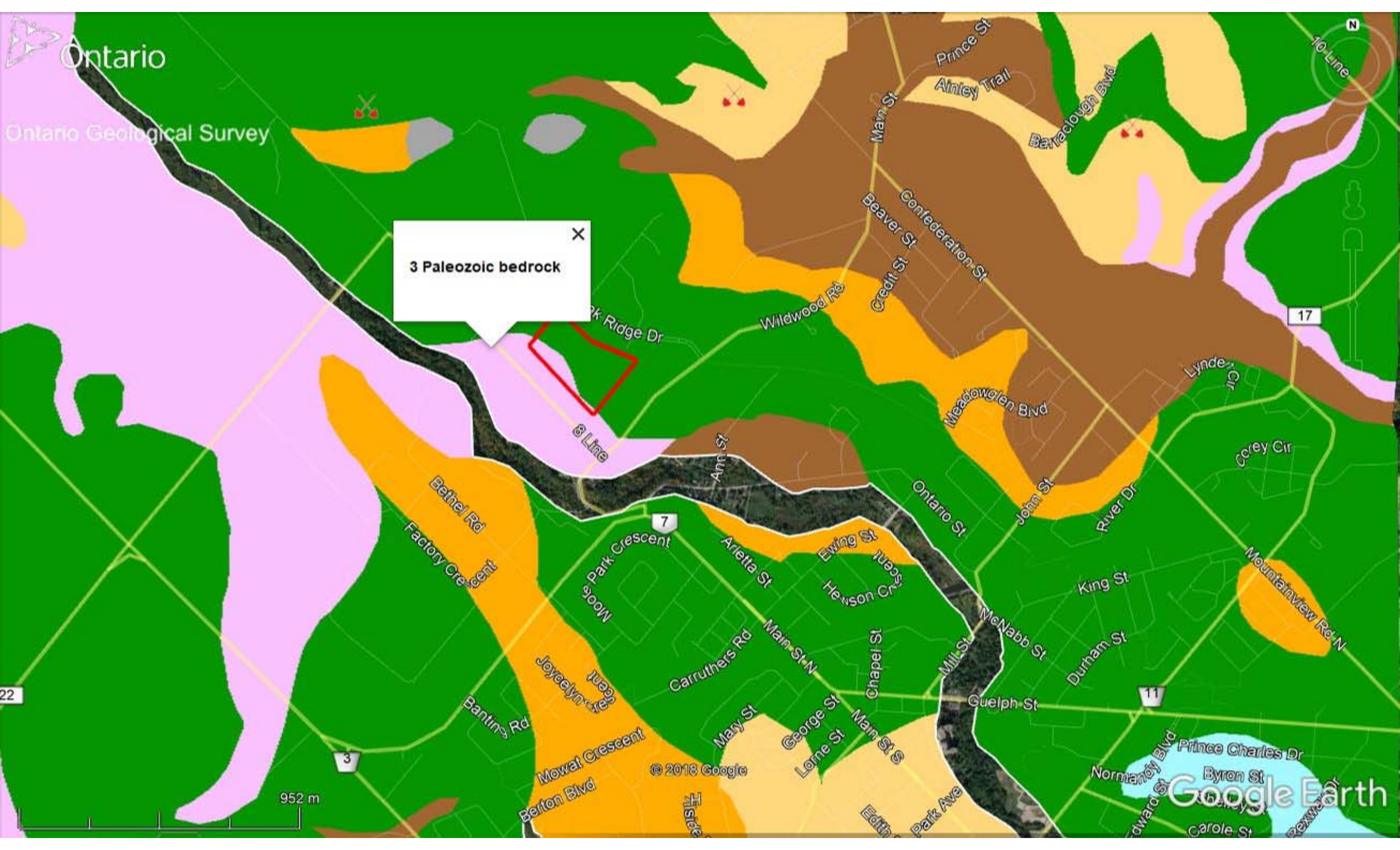
*undifferentiated carbonate and clastic sedimentary rock, exposed at surface or covered by a discontinuous, thin layer of drift Paleozoic*

Directions: [To here](#) - [From here](#)

6.98 km

© 2018 Google  
Image © 2018 DigitalGlobe  
Image © 2018 First Base Solutions

Google Earth



Ontario

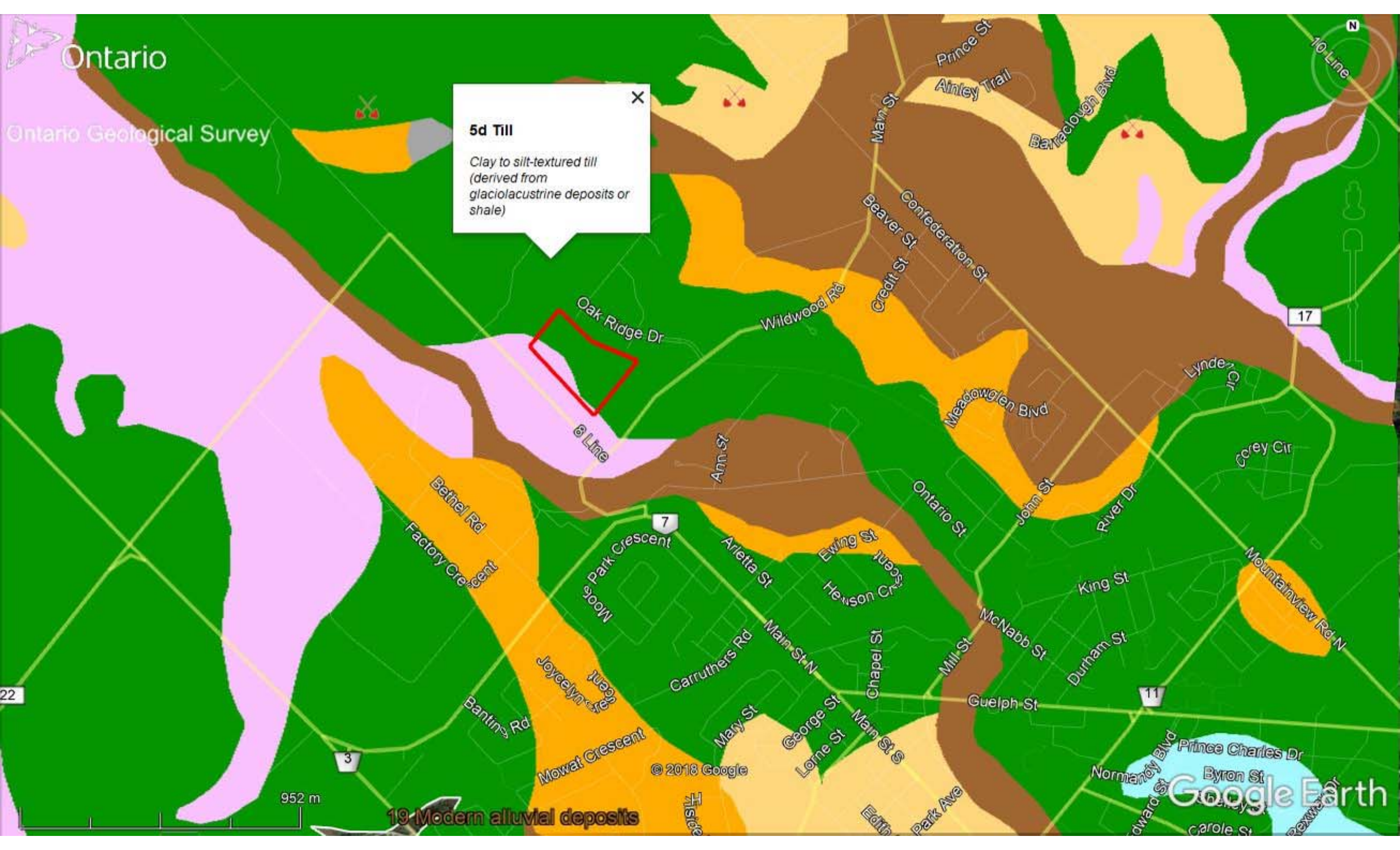
Ontario Geological Survey

3 Paleozoic bedrock

952 m

© 2018 Google

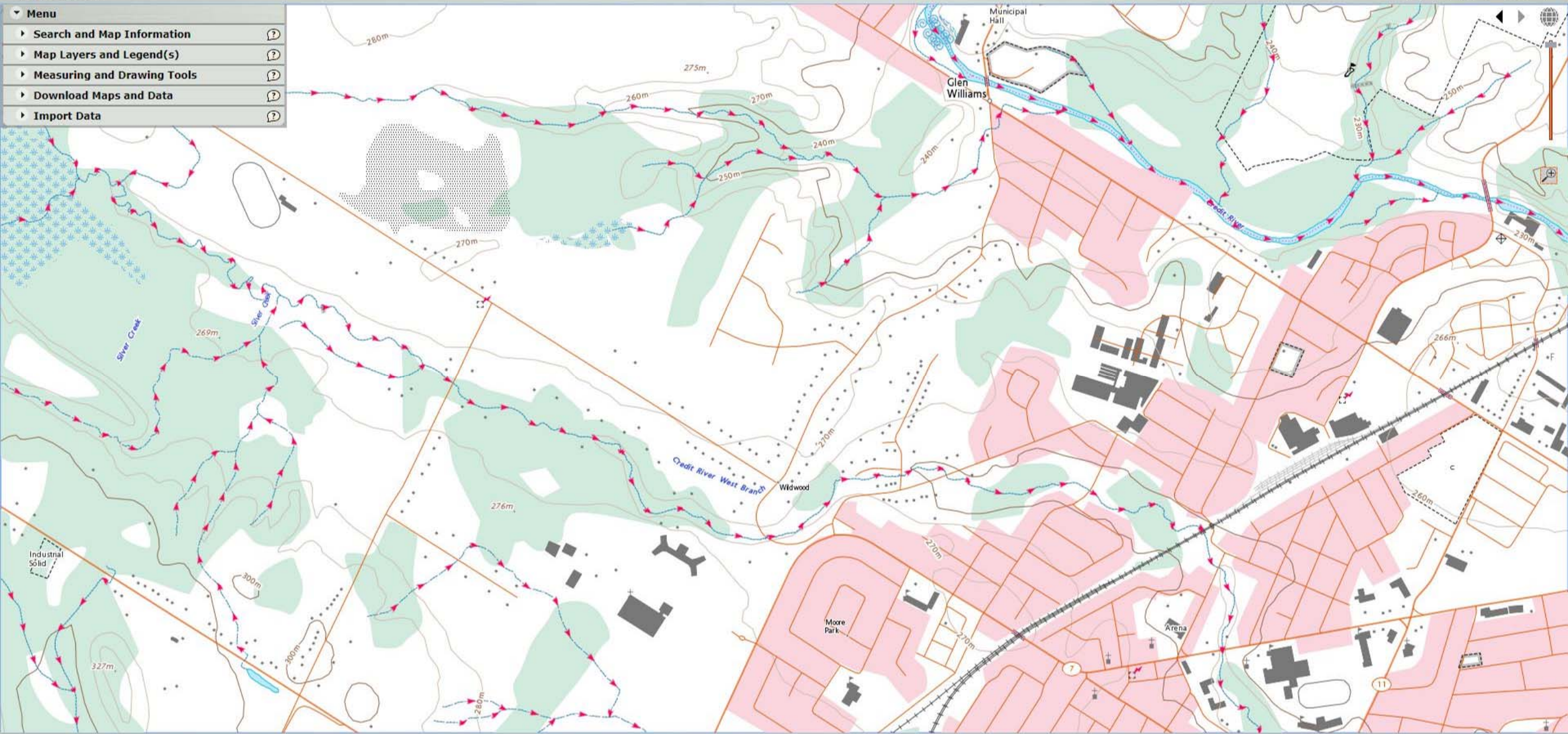
Google Earth



Toporama



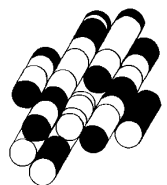
- Menu
- Search and Map Information
- Map Layers and Legend(s)
- Measuring and Drawing Tools
- Download Maps and Data
- Import Data

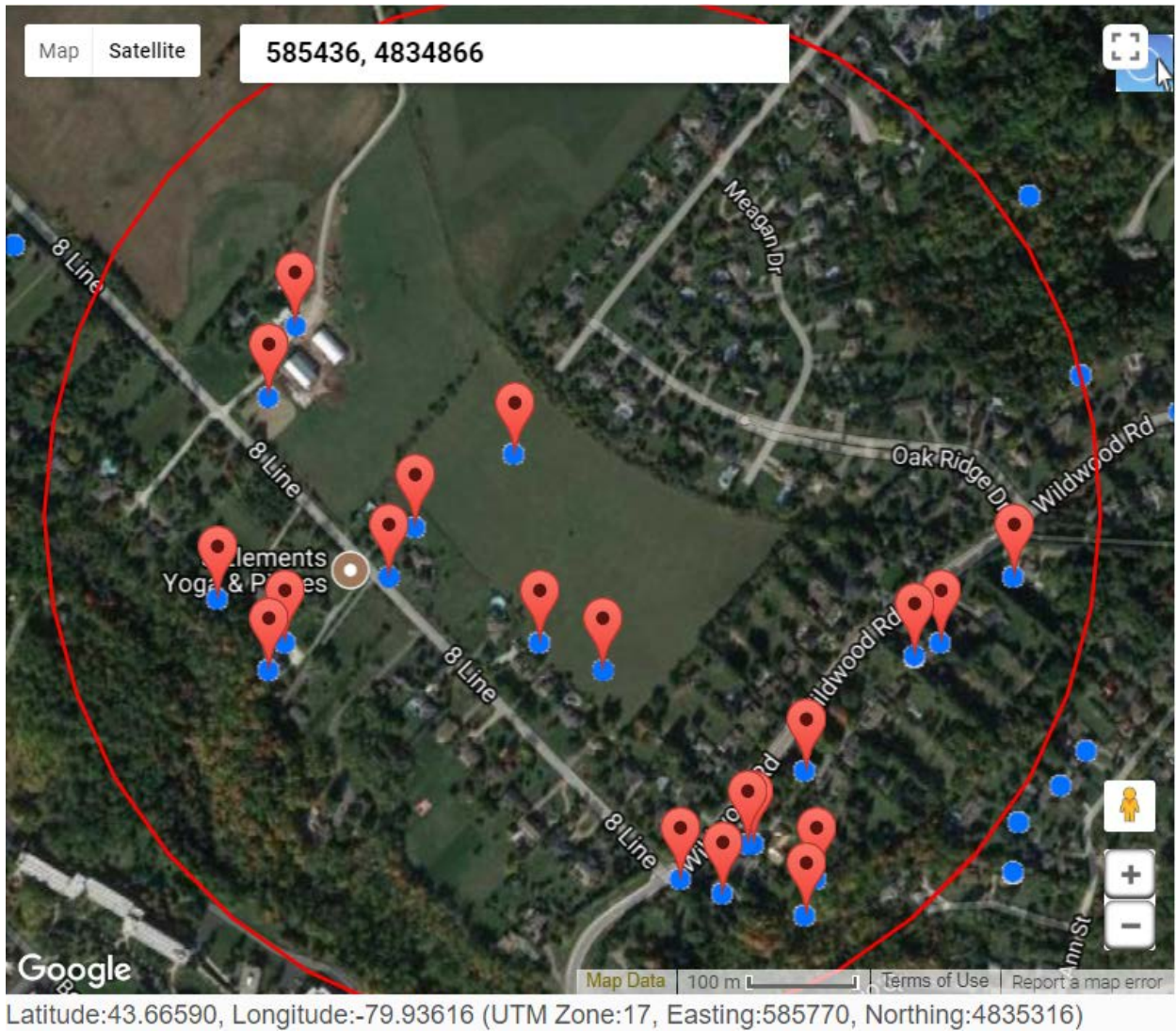




# APPENDIX I

**TERRAPROBE INC.**





# Water Well Records

Wednesday, August 1, 2018

8:51:54 AM

TOWNSHIP CON LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
HALTON HILLS TOWN (E CON 08 021	17 585214 4834743 W	1969/04 3512	6 6	FR 0052	18/95/1/3:0	DO		2803283 ()	LOAM 0001 RED CLAY 0030 RED CLAY SHLE 0050 RED SHLE 0112
HALTON HILLS TOWN (E CON 08 021	17 585198 4834720 W	1958/04 4838	7 7	FR 0042 FR 0065 FR 0088	11/55/6/2:0	DO		2801260 ()	LOAM 0002 CLAY STNS 0008 RED SHLE 0096
HALTON HILLS TOWN (E CON 08 022	17 584952 4835115 W	1992/04 2336	6 6	SA 0180		DO		2807984 (117473)	BRWN CLAY STNS 0020 GREY CLAY STNS 0034 RED SHLE 0060 BLUE SHLE 0075 RED SHLE 0200
HALTON HILLS TOWN (E CON 08 022	17 585154 4834783 W	1973/10 1660	5 5	FR 0030	15/30/4/1:0	DO		2804390 ()	BRWN LOAM 0001 RED CLAY BLDR 0025 RED SHLE 0028 RED SHLE 0032
HALTON HILLS TOWN (E CON 09 021	17 585459 4834743 W	1960/10 4838	6 6	FR 0042 FR 0063 FR 0085 FR 0106	21/106/2/1:0	DO		2801405 ()	RED CLAY 0005 RED SHLE 0111
HALTON HILLS TOWN (E CON 09 021	17 585839 4834748 W	1961/07 1325	30	FR 0020	20///:	DO		2801406 ()	BRWN CLAY MSND 0020 GRVL 0027
HALTON HILLS TOWN (E CON 09 021	17 585634 4834513 W	1961/10 4101	5					2801407 () A	RED CLAY 0031 RED SHLE 0157
HALTON HILLS TOWN (E CON 09 021	17 585659 4834563 W	1962/04 4101	5					2801408 () A	BRWN CLAY 0020 RED SHLE 0104
HALTON HILLS TOWN (E CON 09 021	17 585654 4834558 W	1962/04 4101	5 5	FR 0054	30/58/3/5:0	DO		2801409 ()	BRWN CLAY 0030 RED SHLE 0071
HALTON HILLS TOWN (E CON 09 021	17 585434 4834923 W	1967/08 1325	30	FR 0030	15/29/1/0:30	ST DO		2801412 ()	LOAM 0001 BRWN CLAY BLDR 0012 RED SHLE 0032
HALTON HILLS TOWN (E CON 09 021	17 585709 4834488 W	1956/06 4838	6 6	FR 0035 FR 0048	12/53/4/1:30	DO		2801402 ()	GRVL STNS CLAY 0015 RED SHLE 0053
HALTON HILLS TOWN (E CON 09 021	17 585714 4834398 W	1956/08 4838	6 6	FR 0080	50/105/4/1:30	DO		2801404 ()	LOAM 0002 CLAY GRVL 0020 RED SHLE 0105
HALTON HILLS TOWN (E CON 09 021	17 585313 4834809 W	2002/10 4868				ST		2809658 (207081) A	
HALTON HILLS TOWN (E CON 09 021	17 585814 4834743 W	1968/10 1307	30	FR 0045	45///:	DO		2802959 ()	BRWN LOAM MSND 0020 GREY CLAY 0045 GRVL 0047 GREY CLAY 0065
HALTON HILLS TOWN (E CON 09 021	17 585714 4834623 W	1970/04 3637	30 32 22	FR 0016 FR 0041	15/40///:	DO		2803357 ()	BRWN CLAY MSND STNS 0010 BRWN MSND GRVL 0022 BRWN CLAY STNS 0042
HALTON HILLS TOWN (E CON 09 021	17 585594 4834523 W	1971/07 1660	6	FR 0080	38/70/6/1:0	DO		2803713 ()	BLCK LOAM 0001 BRWN CLAY STNS 0018 RED SHLE 0084
HALTON HILLS TOWN (E CON 09 021	17 585904 4834823 W	1972/02 3637	30	FR 0023	8/24/14/1:0	DO		2804110 ()	BRWN LOAM 0001 BRWN SAND GRVL 0016 GREY CLAY 0023 GREY SAND 0028

TOWNSHIP CON LOT	UTM	DATE CNTR	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
HALTON HILLS TOWN (E CON 09 021	17 585514 4834723 W	1976/11 4602	6	FR 0042 FR 0065	12/63/5/1:0	DO		2804957 ()	PRDG 0027 RED SHLE 0069
HALTON HILLS TOWN (E CON 09 021	17 585514 4834723 W	1978/07 4320	6 6	FR 0120	20/20/3/1:0	DO		2805351 ()	RED CLAY GRVL 0021 RED SHLE 0135
HALTON HILLS TOWN (E CON 09 021	17 585917 4835177 L	1988/09 3372			20/20/25/3:30			2807157 (31529)	BLCK LOAM 0010 SAND 0030 RED SHLE 0040 RED SHLE 0056
HALTON HILLS TOWN (E CON 09 021	17 585313 4834809 W	2002/10 4868				DO		2809657 (207080) A	
HALTON HILLS TOWN (E CON 09 021	17 585334 4834858 W	1952/07 4838	5 5	FR 0065	11/22/5/1:30	DO		2801401 ()	CLAY 0018 RED SHLE 0065
HALTON HILLS TOWN (E CON 09 022	17 585224 4835037 W	1994/11 1565	6 6	FR 0094 FR 0116	22/64/3/4:0	DO		2808318 (131916)	LOAM 0001 BRWN CLAY 0019 RED SHLE 0116
HALTON HILLS TOWN (E CON 09 023	17 585195 4834975 W	1963/05 4101	6 6	SA 0084	40/80/4/5:0	DO		2801421 ()	GRVL 0020 BLDR 0030 GRVL 0064 GRVL MSND 0074 RED CLAY 0079 RED SHLE 0084
HALTON HILLS TOWN (G)	17 585719 4834523 W	1957/07 4838	6 6	FR 0042 FR 0054 FR 0060	20/35/2/3:0	DO		2801661 ()	CLAY 0010 CLAY STNS 0020 RED SHLE 0062
HALTON HILLS TOWN (G)	17 585914 4834583 W	1958/04 4838	6 6	FR 0054 FR 0063	10/65/3/2:0	DO		2801665 ()	CLAY GRVL 0034 MSND 0036 RED SHLE 0065
HALTON HILLS TOWN (G)	17 585904 4834543 W	1958/04 4838	6 6	FR 0042 FR 0062	8/65/3/1:30	DO		2801664 ()	CLAY GRVL 0025 RED SHLE 0065

Notes:

UTM: UTM in Zone, Easting, Northing and Datum is NAD83; L: UTM estimated from Centroid of Lot; W: UTM not from Lot Centroid  
 DATE CNTR: Date Work Completed and Well Contractor Licence Number  
 CASING DIA: .Casing diameter in inches  
 WATER: Unit of Depth in Fee. See Table 4 for Meaning of Code

PUMP TEST: Static Water Level in Feet / Water Level After Pumping in Feet / Pump Test Rate in GPM / Pump Test Duration in Hour : Minutes  
 WELL USE: See Table 3 for Meaning of Code  
 SCREEN: Screen Depth and Length in feet  
 WELL: WEL ( AUDIT # ) Well Tag . A: Abandonment; P: Partial Data Entry Only  
 FORMATION: See Table 1 and 2 for Meaning of Code

**1. Core Material and Descriptive terms**

Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
BLDR	BOULDERS	FCRD	FRACTURED	IRFM	IRON FORMATION	PORS	POROUS	SOFT	SOFT
BSLT	BASALT	FGRD	FINE-GRAINED	LIMY	LIMY	PRDG	PREVIOUSLY DUG	SPST	SOAPSTONE
CGRD	COARSE-GRAINED	FGVL	FINE GRAVEL	LMSN	LIMESTONE	PRDR	PREV. DRILLED	STKY	STICKY
CGVL	COARSE GRAVEL	FILL	FILL	LOAM	TOPSOIL	QRTZ	QUARTZITE	STNS	STONES
CHRT	CHERT	FLDS	FELDSPAR	LOOS	LOOSE	QSND	QUICKSAND	STNY	STONEY
CLAY	CLAY	FLNT	FLINT	LTCL	LIGHT-COLOURED	QTZ	QUARTZ	THIK	THICK
CLN	CLEAN	FOSS	FOSILIFEROUS	LYRD	LAYERED	ROCK	ROCK	THIN	THIN
CLY	CLAYEY	FSND	FINE SAND	MARL	MARL	SAND	SAND	TILL	TILL
CMTD	CEMENTED	GNIS	GNEISS	MGRD	MEDIUM-GRAINED	SHLE	SHALE	UNKN	UNKNOWN TYPE
CONG	CONGLOMERATE	GRNT	GRANITE	MGVL	MEDIUM GRAVEL	SHLY	SHALY	VERY	VERY
CRYS	CRYSTALLINE	GRSN	GREENSTONE	MRBL	MARBLE	SHRP	SHARP	WBRG	WATER-BEARING
CSND	COARSE SAND	GRVL	GRAVEL	MSND	MEDIUM SAND	SHST	SCHIST	WDFR	WOOD FRAGMENTS
DKCL	DARK-COLOURED	GRWK	GREYWACKE	MUCK	MUCK	SILT	SILT	WTHD	WEATHERED
DLMT	DOLOMITE	GVLY	GRAVELLY	OBDN	OVERBURDEN	SLTE	SLATE		
DNSE	DENSE	GYPG	GYPSUM	PCKD	PACKED	SLTY	SILTY		
DRTY	DIRTY	HARD	HARD	PEAT	PEAT	SNDS	SANDSTONE		
DRY	DRY	HPAN	HARDPAN	PGVL	PEA GRAVEL	SNDY	SANDY SOAPSTONE		

**2. Core Color**

Code	Description
WHIT	WHITE
GREY	GREY
BLUE	BLUE
GREN	GREEN
YLLW	YELLOW
BRWN	BROWN
RED	RED
BLCK	BLACK
BLGY	BLUE-GREY

**3. Well Use**

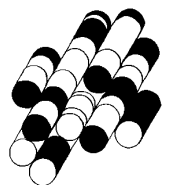
Code	Description	Code	Description
DO	Domestic	OT	Other
ST	Livestock	TH	Test Hole
IR	Irrigation	DE	Dewatering
IN	Industrial	MO	Monitoring
CO	Commercial	MT	Monitoring TestHole
MN	Municipal		
PS	Public		
AC	Cooling And A/C		
NU	Not Used		

**4. Water Detail**

Code	Description	Code	Description
FR	Fresh	GS	Gas
SA	Salty	IR	Iron
SU	Sulphur		
MN	Mineral		
UK	Unknown		

# APPENDIX J

**TERRAPROBE INC.**



**West Half Lot 21, Concession 9 (Esquesing), Glen Williams**  
**TABLE OF CURRENT AND PAST USES OF THE PHASE ONE PROPERTY**  
**(Refer to clause 16(2)(b), Schedule D, O. Reg. 153/04)**

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
2007-Present	2147925 Ontario Inc	Vacant, pasture land	Agricultural	2002, 2007, 2011, 2013 & 2017 AP: No significant changes.
1993-2007	Muriel Geraldine Devins			1999 AP: The surrounding properties to the east have been developed into residential lots.
1967-1993	Lloyd Davison & Marguerite Davison			1987 AP: The surrounding properties to the south and west have been developed into residential lots.
1989-1990	Herbert Thoma Arnold			
1967	Ernest Miller			1954 & 1971 AP: The surrounding properties appear to be agricultural land.
1956-1967	Russell Thornton Miller & Geraldine Selma Miller			
1945-1956	Ernest Miller			
1922-1945	Edward Irwin & Fred Irwin			
1891-1989	Canadian Nation Railway Company (Formerly Grand Trunk Railway Corporation of Canada)			
1887-1891	Samuel McMasters	Unknown		No Other Observations
1886-1887	Charles Williams & John Forsters			
1883-1891	Robert Irwin			
1878-1886	Joseph Williams			
1876-1883	James Bradley			
1852-1876	Jacob Irwin Williams			
1852-1878	Charles Williams			
1831-1852	Zacarah Williams			
1829-1831	Canada Company			
Prior to 1829	Crown			

Notes:

1 - for each owner, specify one of the following types of property use (as defined in O.Reg. 153/04) that applies:

- Agriculture or other use
- Commercial use
- Community use
- Industrial use
- Institutional use
- Parkland use
- Residential use

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

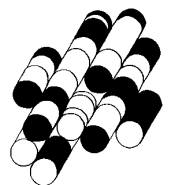
\*\*Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du règlement 671/92, qui en exempte l'application de la Loi sur les services en français. Pour obtenir de l'aide en français, veuillez communiquer avec le ministère de l'Environnement au 1-800-461-6290

CD: City Directories

AP: Air Photo

# APPENDIX K

**TERRAPROBE INC.**





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

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
None	-	-	-	-	-

Notes:

1 - Area of Potential Environmental Concern means the area on, in or under a phase one property where one or more contaminants are potentially present, as determined through the phase one environmental site assessment, including through,  
 (a) identification of past or present uses on, in or under the phase one property, and  
 (b) identification of potentially contaminating activity.

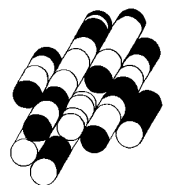
2 - Potentially Contaminating Activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area

3 - when completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:  
 ABNs, PCBs, Metals, Electrical Conductivity, SAR, CPs, PAHs, As, Sb, Se, Cr (VI),  
 1,4-Dioxane, THMs, Na, Hg, Dioxins/Furans, PCDDs/PCDFs VOCs, B-HWS, Methyl Mercury,  
 Ocs, BTEX, Cl-, high pH, PHCs, Ca, Mg, CN-, low pH

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

# APPENDIX L

**TERRAPROBE INC.**



# PHASE ONE CONCEPTUAL SITE MODEL

## West Half Lot 21, Concession 9 (Esquesing)

### Glen Williams, ON

Phase One CSM	Information Pertaining to Property
<i>Figures of the Phase One Study Area are provided that:</i>	
i. Show any existing buildings and structures,	No existing buildings or structure were identified on the Property.
ii. Identify and locate water bodies located in whole or in part on the Phase One Study Area	The closest water body to the Phase One Property is Credit River West Branch, which is located approximately 300 m to the southwest.  All water bodies on the Phase One Property and in the Phase One Study Area are shown on Figure 1.
iii. Identify and locate any Areas of Natural Significance located in whole or in part on the Phase One Study Area	Terraprobe reviewed the Ontario Ministry of Natural Resources and Forestry NHIC database for natural area listings. No Areas of Natural Significance were located in the Phase One Study Area.
iv. Locate any drinking water wells at the Phase One Property	No drinking water wells were identified on the Property during the site inspection. Three (3) records of drinking/irrigation wells on the Property were found in the MECP Water Well Information System (WWIS).
v. Show roads, including names, within the Phase One Study Area	The Property is bounded to the east by Oak Ridge Drive, to the south by Wildwood Road and to the west by Eight Line. Other roads and properties within the Study Area are presented on Figure 3.
vi. Show use of properties adjacent to the Phase One Property	The Land Uses of the adjacent properties are shown on Figure 3.
vii. Identify and locate area where any potentially contaminating activity has occurred, and show tanks in such areas	Potentially Contaminating Activities (PCAs) identified on the Property and within the Study Area are shown on Figure 4.
viii. Identify and locate any areas of potential environmental concern	No Areas of Potential Environmental Concern (APECs) were identified on the Property.
<i>The following is a description and assessment of:</i>	
i. Any areas where potentially contaminating activity on or	No PCAs were determined to likely cause an APEC on the Property.



Phase One CSM	Information Pertaining to Property
potentially affecting the Phase One Property has occurred,	
ii. Any contaminants of potential concern	No Contaminants of Potential Concern (CoPCs) were identified for the Property.
iii. The potential for underground utilities, if any present, to affect contaminant distribution and transport,	There are no underground utilities present on the Property.
iv. Available regional or site specific geological and hydrogeological information,	<p>Topography</p> <ul style="list-style-type: none"> <li>The approximate elevation of the Property is 270 masl and relatively flat.</li> </ul> <p>Hydrogeology</p> <ul style="list-style-type: none"> <li>The nearest water body is Credit River West Branch, which is located approximately 300 m to the southwest of the Property. Ground water and surface water is expected to flow to the south.</li> </ul> <p>Geology (overburden)</p> <ul style="list-style-type: none"> <li>The overburden on the southeast portion of the Property consists of Paleozoic bedrock, which is comprised of undifferentiated carbonate and clastic sedimentary rock. The remainder of the Property is cover in till, which is comprised of clay to silt-textured till.</li> </ul> <p>Geology (bedrock)</p> <ul style="list-style-type: none"> <li>The bedrock on the Property is of the Queenston Formation, which is comprised of shale and limestone.</li> </ul> <p>Geology (depth to bedrock)</p> <ul style="list-style-type: none"> <li>Based on historic borehole information available from the MNR and WWIS in the vicinity the depth to bedrock in the area is approximately 4 to 6 m below ground surface.</li> </ul>
v. How any uncertainty or absence of information obtained in each of the components of the Phase One ESA could affect the validity of the model.	No uncertainty was encountered while conducting the Phase One ESA that could affect the validity of the model.

**Figures:**

Figure 1 – Phase One Property Location

Figure 2 – Phase One Property

Figure 3 – Phase One Study Area and Adjacent Land Use

Figure 4 – PCA Locations



Notes:

Legend:

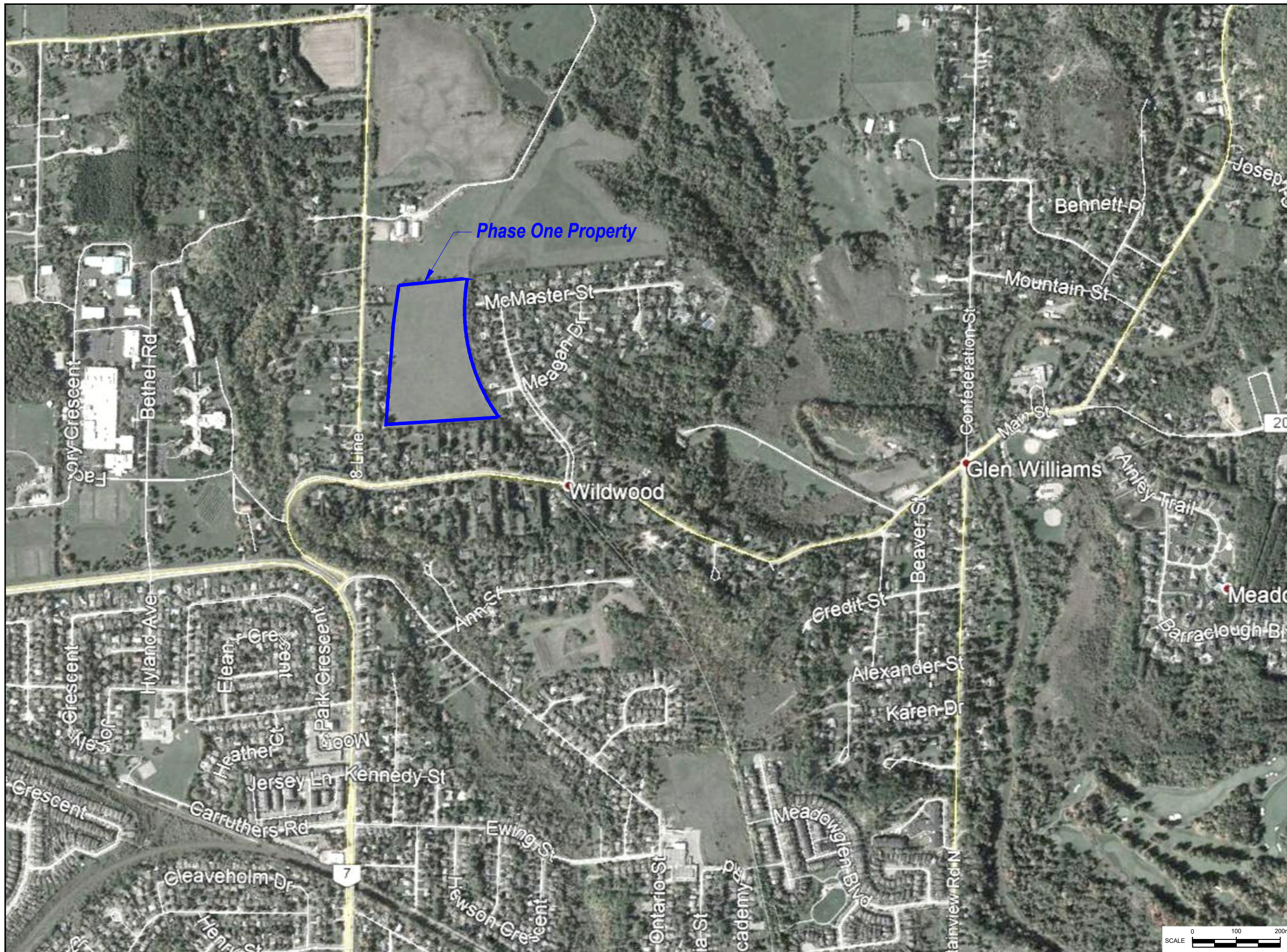
	Phase One Property Boundary
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Project Title:  
 Phase One Environmental Site Assessment


Site Location:  
 West Half Lot 21, Concession 9 (Esquesing),  
 Glen Williams, Ontario

Figure Title:  
 PHASE ONE PROPERTY LOCATION



Designed By: KR	File No.: 1-18-0438-41
Drawn By: JB	Scale: As Shown
Reviewed By: SO	Figure No.: 1
Date: September 2018	



T:\V-Project Files\2018\1-18-0438 - West Half Lot 21, Concession 9 (Esquesing), Glen Williams\41 - Phase One ESA.dwg, JB

	<b>Reference:</b>
	Google Earth Pro 2018

**Notes:**

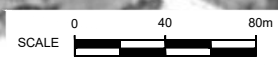
<b>Legend:</b>	
	Phase One Property Boundary
	Phase One Study Area

**Project Title:**  
Phase One Environmental Site Assessment

**Site Location:**  
West Half Lot 21, Concession 9 (Esquesing),  
Glen Williams, Ontario

**Figure Title:**  
PHASE ONE PROPERTY

<b>Designed By:</b> KR	<b>File No.:</b> 1-18-0438-41
<b>Drawn By:</b> JB	<b>Scale:</b> As Shown
<b>Reviewed By:</b> SO	<b>Figure No.:</b> 2
<b>Date:</b> September 2018	



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**Notes:**

**Legend:**

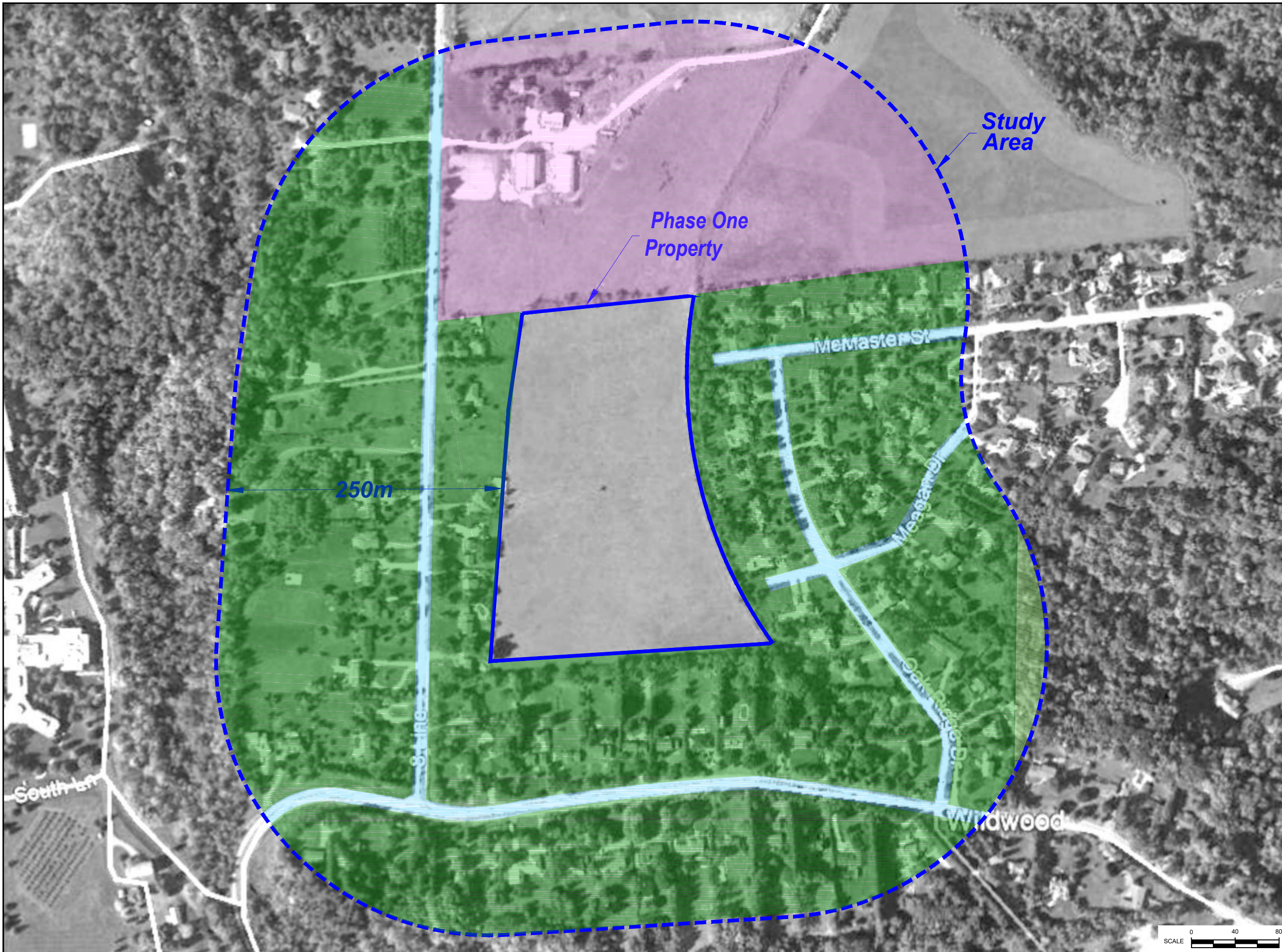
	Phase One Property Boundary
	Phase One Study Area
	Residential Land Use
	Community Land Use (Roads)
	Parkland Use
	Agricultural / Other Land Use

**Project Title:**  
 Phase One Environmental Site Assessment

**Site Location:**  
 West Half Lot 21, Concession 9 (Esquesing),  
 Glen Williams, Ontario

**Figure Title:**  
 PHASE ONE STUDY AREA &  
 ADJACENT LAND USE

<b>Designed By:</b> KR	<b>File No.:</b> 1-18-0438-41
<b>Drawn By:</b> JB	<b>Scale:</b> As Shown
<b>Reviewed By:</b> SO	<b>Figure No.:</b> 3
<b>Date:</b> September 2018	



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Reference:  
 Google Earth Pro 2018

Notes:  
**PCA** - Potentially Contaminating Activity  
**RED** - PCA causing APEC on Property  
**GREEN** - PCA unlikely to affect Property

Legend:

	Phase One Property Boundary
<b>PCA</b>	Potentially Contaminating Activity
#46	Rail Yards, Tracks Spurs

Project Title:  
 Phase One Environmental Site Assessment

Site Location:  
 West Half Lot 21, Concession 9 (Esquesing),  
 Glen Williams, Ontario

Figure Title:  
 PCA LOCATIONS

Designed By:	KR	File No.:	1-18-0438-41
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Drawn By:	JB	Scale:	As Shown
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Reviewed By:	SO	Figure No.:	4
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Date:	September 2018
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