Phase One Environmental Site Assessment

12455 Creditview Road

Caledon, Ontario

Prepared For:

Argo Alloa (BT) Corporation

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Burlington Ontario

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Executive Summary

DS Consultants Ltd. (DS) was retained by Argo Alloa (BT) Corporation (the "Client") to conduct a Phase One Environmental Site Assessment (ESA) of the property located at 12455 Creditview Road, Caledon, Ontario, herein referred to as the "Phase One Property" or "the Site". It is DS' understanding that this Phase One ESA has been requested for due diligence purposes in association with the proposed redevelopment of the Site for residential purposes.

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA is to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

The Phase One Property is an irregular shaped 40.44-hectare (99.93 acres) parcel of land situated within an agricultural neighborhood in the Town of Caledon, Ontario. The Phase One Property is located approximately 1,300 m south of the intersection of Creditview Road and Old School Road. For the purposes of this report, Old School Road is assumed to be aligned in an east-west orientation, and Creditview Road in a north-south orientation.

At the time of this investigation the Site was occupied by one (1) vacant 2-storey residential dwelling constructed in 1897 within the west- central portion of the Site. A forested area was found on the north-eastern portion of the Site. The remainder of the property consisted primarily of agricultural farmland.

Based on the findings of the Phase One ESA, DS presents the following findings:

- The topography of the Phase One Property is generally flat with a tributary on the south portion of the Property which flows southeast towards a branch of the Etobicoke Creek. The topography of the Site slops towards the tributary of the Etobicoke Creek on the Phase One Property. The Phase Property has a surface elevation of 265 meters above sea level (masl) on the northwest and 257 masl on the southeast. The topography within the Phase One Study Area generally slopes to the south. The groundwater flow direction within the Phase One Study Area is inferred to the south towards the Etobicoke Creek, located approximately 2 km from the Site. Based on a review of the MECP well records, the depth to shallow groundwater level is approximately 0.6 – 1.5 and the deep groundwater level is at 5.4 – 7.3 mbgs.

- The Site is situated within a drumlinized till plains physiographic region. The surficial geology within the majority of the Phase One Property is described as "clay to silt-textured till derived from glaciolacustrine deposits or shale" and as "Fine-textured glaciolacustrine deposits consisting of silt and clay, minor sand and gravel Interbedded silt and clay and gritty, pebbly flow till and rainout deposit" along the water bodies intersecting across the Property. The bedrock is described as "Shale, limestone, dolostone, siltstone and Queenston Formation". Based on a review of "Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, prepared by Ontario Geological Survey, published 2006," the bedrock in the vicinity of the Site is anticipated to be encountered at a depth of approximately 20 to 25 metres below ground surface (mbgs).
- Based on the records reviewed, the Phase One Property has been used as a rural agricultural property since at least 1860. An orchard was depicted in the 1880 County Atlas, located at the west- central portion of the Site.
- Based on information abstained from the Site caretaker during the site visit, the site building is designated as a Heritage building.
- Based on the aerial photographs, it is inferred that fill material of unknown quality was used for grading purposes when the barn was demolished in 2015.
- The neighbouring properties within the Phase One Study Area appear to have been used for agricultural and residential purposes since the early/mid 1870s.

Based on the information obtained as part of this investigation, it is concluded that seven (7) PCAs were identified within the Phase One Study Area, five (5) of which are considered to be contributing to five (5) APECs on, in or under the Phase One Property. A summary of the PCAs identified and the associated APECs is provided in Table E-1 below. Note that the PCA numbers used below are per Table 2, Schedule D of O.Reg. 153/04.

Table E-1 Summary of APECs Identified on Phase One Property

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)
APEC-1	Entire Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site PCA-1	Metals, As, Sb, Se, CN-, OC Pesticides	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-2	West- Central portion of the Phase One Property	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site PCA-2	Metals, As, Sb, Se, CN-, OC Pesticides	Soil
APEC 3	West- Central portion of the Phase One Property	#30 - Importation of Fill Material of Unknown Quality	On-Site PCA-3	Metals, As, Sb, Se, B-HWS, CN-,EC, Cr (IV), Hg, Low or high pH, SAR, PAHs, PHC, BTEX	Soil
APEC- 4	West- Central portion of the Phase One Property	#Others - Seasonal application of de-icing salts	On-Site PCA-4	EC, SAR,	Soil
				Na, Cl-,	Groundwater
APEC- 5	West- Central portion of the Phase One Property	#28 Gasoline and Associated Products Storage in Fixed Tanks	On-Site PCA-7	PHC, BTEX, PAHs	Soil & Groundwater

Based on the findings of this Phase One ESA, it is concluded that a Phase Two ESA would be required in order to investigate the aforementioned APECs and to assess the environmental soil and groundwater conditions on the Phase One Property. A Record of Site Condition cannot be filed based on the findings of the Phase One ESA.

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1.0 Introduction

DS Consultants Ltd. (DS) was retained by Argo Alloa (BT) Corporation to complete a Phase One Environmental Site Assessment (ESA) of the property located at 12455 Creditview Road, Caledon, Ontario, herein referred to as the "Phase One Property" or "the Site". It is DS' understanding that this Phase One ESA has been requested for due diligence purposes in association with the proposed redevelopment of the Site for residential purposes.

It is the opinion of DS that the intended future residential property use does not constitute a more sensitive property use, as defined under O.Reg. 153/04 (as amended) than the current residential use. Therefore, the filing of a Record of Site Condition (RSC) with the Ontario Ministry of Environment, Conservation and Parks (MECP) will not be mandated under O.Reg. 153/04 (as amended). However, it is noted that the Town of Caledon may request an RSC be filed in support of the Site Plan Approvals and/or the conveyance approvals process (if applicable).

The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA were to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

1.1 Phase One Property Information

The information for the Phase One Property is provided in the following Table.

Table 1-1: Phase One Property Information – 12455 Creditview Road

Criteria	Information	Source
Legal Description	Part Lot 20, Concession 3 West of Hurontario Street Chinguacousy, Part 1, Plan 43r-40486; Town of Caledon	Land Registry Office
Property Identification Number (PIN)	14252-1959 (LT)	Land Registry Office
Municipal Address	12455 Creditview Road, Caledon, Ontario	Land Registry Office
Property Owner	Argo Alloa (BT) Corporation	Land Registry Office

Criteria	Information	Source
Property Owner Contact Information	Anil Datt Argo Alloa (BT) Corporation 4900 Palladium Way, Unit 105 Burlington, ON L7M 0W7 Email: anil@argoland.com	Client
Current Site Occupants	Vacant Home –Heritage House Agricultural Land – Farmer Tenant	Phase One Site Visit Email Questionnaire
Site Area	40.44 Hectares (99.93 Acres)	Land Registry Office
Centroid UTM Coordinates	Zone: 17T Northing: 4841075.77 Easting: 591238.06	Google Earth

1.2 Site Description

The Phase One Property is an irregular shaped 40.44-hectare (99.93 acres) area of land situated within an rural setting in the Town of Caledon, Ontario. The Phase One Property is located approximately 1,300 m south of the intersection of Creditview Road and Old School Road. A Site Location Plan depicting the general location of the Site is provided in Figure 1.

For the purposes of this report, Old School Road is assumed to be aligned in an east-west orientation, and Creditview Road in a north-south orientation.

At the time of this investigation., the west-central portion of the Site was occupied by a two (2) storey residential dwelling with a basement which was built in 1897. A parking garage is attached to the east wall of the building. A forested area of approximately 8.16 Hectares (20.17 Acres) is located on the north-eastern portion of the Site. The remainder of the property consisted primarily of agricultural farmland. A Plan of Survey for the Phase One Property dated March 11, 2022 and prepared by R-PE Surveying Ltd., an Ontario Land Surveyor, has been provided under Appendix A and a Site Location Plan is provided in Figure 2.

2.0 Scope of Investigation

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 (Phase One ESA requirements). This included:

- A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase One Property, including:
    - Physical setting information such as aerial photographs, topographic mapping, available historical maps and drawings;
    - Company records (e.g., site plans, building plans, permit records, production and maintenance records, asbestos surveys, site utility drawings, emergency response and

contingency plans, spill reporting plans and records, inventories of chemicals and their usage (e.g. WHMIS), environmental monitoring data, waste management records, inventory of underground and aboveground tanks, environmental audit reports) provided to DS;

- Geological and hydrogeological information in published government maps and/or reports;
- A review of information on file with ERIS, a commercial database that provides information from numerous private, provincial, and federal environmental databases/registries;
- Review of fire insurance plans, municipal directory documentation and available environmental reports that are pertinent to the Phase One Property;
- Regulatory Information, including such as Permits or Certificates of Approval (pertaining to activities that may impact the condition of the property, orders, control orders, or complaints related to environmental compliance that may impact the condition of the property, and violations of environmental statutes, regulations, by-laws, and permits that may impact the condition of the property;
- Environmental source information including published and online records from Ministry of Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA), and the City of Toronto; and
- The Ontario Ministry of Natural Resources (MNR) Natural Heritage Information Centre database and the Conservation Authority website for information specific to natural areas, such as locations of environmentally sensitive areas or species.

- Interviews with available individuals having knowledge of current and/or past site activities;
- An inspection of the Phase One Property, and the activities on the adjacent properties, including and assessment of the following:

  - The site operations, processes, and waste management currently carried out on the Phase One Property.
  - The neighbouring land uses (i.e. identification of environmentally sensitive neighbours, as well as an assessment of potential off-site sources of contamination);
  - The source of potable water for the Phase One Property and properties within the Phase One Study Area;
  - The potential presence of existing or former above-ground or underground fuel storage tanks (ASTs or USTs);
  - Possible cut and fill operations that may resulted in the importation of fill material of unknown quality;
  - The presence/absence of floor cracks, hydraulic hoists, elevators, sumps and drains;

- Areas suspected to contain evidence of surficial and sub-surface impacts (e.g. areas of staining);
- The potential presence of various Designated Substances and building materials including:
  - Friable and non-friable asbestos
  - Urea formaldehyde foam insulation (UFFI)
  - Chlorofluorocarbons (CFCs) in air conditioning and refrigeration equipment
  - PCB-containing materials and electrical equipment
  - Lead-based paint
  - Mould
- The presence/absence of wells, pits and lagoons, drainage sumps and floor drains, sewage and wastewater disposal pipelines; and
- General site conditions, including topography and drainage, standing water, right-of-ways, presence of underground utilities, evidence of stained or odorous soils, and stressed vegetation.

◈ Evaluation of the information and documentation of the results in the form of a Phase One ESA Report.

The objectives of the Phase One ESA are:

1. To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property;
2. To identify potentially contaminating activities (PCAs) within the Study Area (i.e., areas within 250 m of the Property), and to assess if Areas of Potential Environmental Concern (APECs) exist on the Phase One Property;
3. To identify the Potential Contaminants of Concern associated with the PCAs identified; and
4. To provide a basis for subsequent investigation, if required, based on the findings of the Phase One ESA.

3.0 Records Review

3.1 General

3.1.1 Phase One Study Area Determination

Based on a review of the available historical records and the observations made during the Phase One Site Reconnaissance, no heavy industrial properties or other relevant potentially contaminating activities were observed which were considered to merit expanding the Phase One Study Area. As such the Phase One Study Area was defined by a 250-meter radius around the Phase One Property boundary, in accordance with O.Reg. 153/04 (as amended).

The properties within 250 m of the Phase One Property generally consist of agricultural and residential land uses. An assessment of the historical and current use of all properties within the Phase One Study Area was conducted in order to assess for the presence/absence of potentially contaminating activities. A summary of the potentially contaminating activities identified within the Phase One Study Area is provided under Section 6.2. A plan depicting the Phase One Study Area limits is presented in Figure 3.

3.1.2 First Developed Use Determination

The first developed use of the Phase One Property is considered under O.Reg. 153/04 (as amended) to be either the first use of the Phase One Property in or after 1875 that resulted in the development of a building or structure on the property, or the first potentially contaminating use or activity on the Phase One Property.

The determination of the first developed use of the Phase One Property was based on a review of available aerial photographs, historical maps, fire insurance plans, city directories, and interviews. Based on the 1860 historic county atlas map, the Phase One Property is owned by Geo Watson. and appeared to have been undeveloped and/or agricultural field. Based on the 1880 historic county atlas map, there appeared to be an orchard (PCA-2) and a building structure on the west- central portion of the Site. The rest of the Site appeared to have been undeveloped and/or agricultural field.

3.1.3 Fire Insurance Plans

Fire Insurance Plans (FIPs) were prepared between 1875 and 1923 and revised in some areas until the 1970s. DS requested a search of FIPs from the Opta Historical Environmental Services Enviroscan database. No FIPs are registered in the limited database of the Phase One Study Area.

A copy of the report presented by Opta Historical Environmental Services Enviroscan is included in Appendix C.

3.1.4 Chain of Title

A Chain of Title search was not provided by the Client at the time of the investigation. The Chain of Title will need to be obtained prior to the submission of a Record of Site Condition (if applicable).

Information pertaining to the historical use of the Site was obtained from alternate sources including the Peel County Atlas, aerial photographs, site inspection and interviews. The information indicated that Phase One Property has always been mainly used for agricultural purposes with a residential building on west-central portion of the Site since 1860.

Information from Land Registry indicated that the Argo Alloa (BT) Corporation, the current owner of the Phase One Property, obtained the property from 1215614 Ontario Limited in 2014.

3.1.5 Environmental Reports

No previous reports were available for the Site.

3.1.6 City Directories

The Environmental Risk Information Services (ERIS) was requested to perform a City Directory search for the Site and all the properties within the Phase One Study area. ERIS conducted a search of the Polk's Halton Peel Regions Ont., Ontario Criss Cross Directory from 1960 to 2001.

The search indicated that Phase One Property appears to have been used for residential purposes with 1 tenant from 1996 to 2001.

The research indicated that Brampton Brake & Wheel (PCA-6) was registered at the residential building at 12577 Creditview Road, adjacent to the northwest portion of the Site.

A complete summary of the City Directory listings reviewed has been included under Appendix B. The locations of the historical occupants of potential environmental concern are presented on Figure 4 and are discussed further under Section 6.2.

3.2 Environmental Source Information

3.2.1 Eris Report

Environmental Risk Information Services Ltd. (ERIS) is an organization that maintains and searches various government and private databases for property-related environmental information.

DS contacted ERIS to request a search of government and private records for information pertaining to the Phase One Property and Phase One Study Area. ERIS searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the significant databases provide by ERIS is provided in the Table below:

Table 3-1: Summary of Environmental Databases Reviewed

Federal Government Source Databases	Private Source Databases
Contaminated Sites on Federal Land; Environmental Effects Monitoring; Environmental Issues Inventory System; Federal Convictions; Fisheries & Oceans Fuel Tanks; Indian & Northern Affairs Fuel Tanks; National Analysis of Trends in Emergencies System (NATES); National Defense & Canadian Forces Fuel Tanks; National Defense & Canadian Forces Spills; National Defense & Canadian Forces Waste Disposal Sites; National Environmental Emergencies System (NEES);	Anderson's Storage Tanks; Anderson's Waste Disposal Sites; Automobile Wrecking & Supplies; Canadian Mine Locations; Canadian Pulp and Paper; Chemical Register; ERIS Historical Searches; Oil and Gas Wells; Retail Fuel Storage Tanks; and Scott's Manufacturing Directory.

National PCB Inventory; National Pollutant Release Inventory; Parks Canada Fuel Storage Tanks; and Transport Canada Fuel Storage Tanks.	
Provincial Government Source Databases	
Abandoned Aggregate Inventory; Abandoned Mine Information System; Aggregate Inventory; Borehole; Certificates of Approval; Certificates of Property Use; Commercial Fuel Oil Tanks; Compliance and Convictions; Drill Hole Database; Environmental Activity and Sector Registry; Environmental Compliance Approval; Environmental Registry; Fuel Storage Tank; Fuel Storage Tank – Historic; Inventory of Coal Gasification Plants and Coal Tar Sites; TSSA Historic Incidents; TSSA Incidents; TSSA Pipeline Incidents; TSSA Variances for Abandonment of Underground Storage Tanks;	Inventory of PCB Storage Sites; Landfill Inventory Management Ontario; List of TSSA Expired Facilities; Mineral Occurrences; Non-Compliance Reports; Ontario Oil and Gas Wells; Ontario Regulation 347 waste Generators Summary; Ontario Spills; Orders; Permit to Take Water; Pesticide Register; Private and Retail Fuel Storage Tanks; Record of Site Condition; Waste Disposal Sites – MECP 1991 Historical Approval Inventory; Waste Disposal Sites – MECP CA Inventory; Wastewater Discharger Registration Database; and Water Well Information System

The ERIS report indicated that there were five (5) listings for the Phase One Property, and nineteen (19) listings for the remaining properties within the Phase One Study Area. A copy of the ERIS report has been provided under Appendix B. A summary of the potentially contaminating activities identified in the ERIS report and other pertinent information is provided in the Table below:

Table 3-2: Summary of ERIS Report Findings on Phase One Property

Database/Date	Entry Details	PCA ID No.
Water Well Information System (WWIS)	Four (4) listings were identified within the Phase One Property, of which: ◆ Well 7050265 was reported to be used for domestic supply purposes and installed in 2007. The well appeared to be located within the southwest corner outside of the vacant house; ◆ Well 7225093 was reported to be abandoned and installed in 2014. The well appeared to be located within the far northwestern corner of the Site. ◆ Well 490582 used for domestic supply purposes and installed in 1974. The well appeared to be located within the southwest corner of the Site. ◆ Well 490583 was reported to be used for domestic supply purposes and installed in 1947. The well	No PCA

Database/Date	Entry Details	PCA ID No.
	appeared to be located within the southwest corner of the Site.	
ERIS Historical Searches (EHS)	One (1) ERIS historical searches have been completed at the Phase One Property.	No PCA

Table 3-3: Summary of ERIS Report Findings within Phase One Study Area

Database/Date	Entry Details	PCA ID No.
Certificates of Approval (CA)	Essential Contracting located at 12370 Creditview Road – approximately 140 m southwest of the Site - was approved for a waste management system in February 2009. No additional details were listed.	No PCA
Caledon, Ontario Environmental Activity and Sector Registry (EASR)	One (1) EASR listings were identified for Essential Disposal Services Inc. located at 12370 Creditview Road – located approximately 140 m southwest of the Site. The listing was registered/approved for waste management system	No PCA
Environmental Compliance Approval (ECA)	One (1) environmental compliance approval was submitted by Essential Contracting located at 12370 Creditview Road – located approximately 140 m southwest of the Site.	No PCA
Ontario Regulation 347 Waste Generator Summary (GEN)	Terra Cotta Woodworks Inc. and TCWW Inc. were described as Wood Kitchen Cabinet and Countertop Manufacturer is located at 12458 Creditview Road, approximately 20 m west of the Site were registered for the generation, use and/or storage of aliphatic solvents.	PCA-5
Water Well Information System (WWIS)	Twelve (12) listings of water supply wells were identified within the Phase One Study Area.	No PCA

3.2.2 Ministry of the Environment- Freedom of Information

A request was submitted to the MECP Freedom of Information and Protection of Privacy Office (Appendix C) to determine if there were any environmental incidents or violations associated with the Phase One Property; whether any Control Orders have been issued; whether there have been any other environmental concerns associated with the property such as complaints, inspections, etc.; whether any environmental investigations have been carried out regarding the subject property; and, to determine if the Ministry's Spills Action Centre's (SAC's) files contain any reported spills that had occurred in the site vicinity. Note that the SAC's database dates back only to 1988 and many of the occurrences on file have only been reported voluntarily. In addition, the MECP was requested to search their files (all years) regarding the following parameters: air emissions, water, sewage, wastewater and pesticides.

Files pertinent to this investigation would include, though are not limited to: regulatory permits, records; material safety data sheets; underground utility drawings; inventories of chemicals, chemical usage and chemical storage areas; inventory of aboveground storage tanks and underground storage tanks; monitoring data, including that done at the request of the MECP;

historical and current waste management, receiver and generator records; process, production and maintenance documents related to areas of potential environmental concern; spills/discharge records; emergency and contingency plans; environmental audit reports; site plan of facility showing areas of production and manufacturing.

A response has not yet been received from the MECP. The client will be made aware of any records identified by the MECP file search when a response is received from the Ministry.

3.2.3 Technical Standards and Safety Authority

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 Property and Study Area. According to the response received on October 17, 2022 from Ms. Kim of TSSA, no records for the Phase One Property and properties located in the Study Area at following inquired addresses:

- 12455 Creditview Road, Caledon, ON L7C 1Y6
- 12205 Creditview Road, Caledon, ON L7C 1X9
- 12572 Creditview Road, Caledon, ON L7C 1Y1
- 12598 Creditview Road, Caledon, ON L7C 1Y1
- 12611 Creditview Road, Caledon, ON L7C 3G2
- 12606 Creditview Road, Caledon, ON L7C 1Y1

A copy of the correspondence with the TSSA has been appended under Appendix C.

3.2.4 Areas of Natural and Scientific Interest

The Natural Heritage Areas database published by the Ministry of Natural Resources (MNR) was reviewed in order to identify the presence/absence of areas of natural significance including provincial parks, conservation reserves, areas of natural and scientific interest, wetlands, environmentally significant areas, habitats of threatened or endangered species, and wilderness areas. The Town of Caledon Official Plans was also reviewed as part of this assessment.

According to the NHIC records and review of these records, Eastern Meadowlark and Bobolink bird species are listed as threatened within 1km of the Phase One Property.

According to the MNRF, the Eastern Meadowlark is a medium sized migratory songbird commonly found in moderately tall grasslands, such as pastures and hayfields, but are also found in alfalfa fields, weedy borders of croplands, roadsides, orchards, airports, shrubby overgrown fields, or other open areas. Bobolink is medium sized songbird commonly found in grasslands and hayfields.

As the agricultural field at the Phase One Property is located within an agricultural area, it is likely to provide a viable habitat for these species. If required, an environmental specialist could be retained to undertake a Site-specific ecological assessment, however at this time further assessment is not warranted.

3.2.5 Toronto Region and Conservation Authority (TRCA)

According to the TRCA online mapping system, there is a creek intersecting the Phase One Property flowing southwardly into a network of tributary of the Etobicoke Creek. The Phase One Property is located in the Etobicoke Creek Watershed.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Historical Mapping

The County Atlas of Peel was reviewed in order to provide historical features of the Study Area from 1860 and 1880. An Aerial Photograph for the year 1946, 1954, 1960, 1974, 1985, and 1990 were provided by Environmental Risk Information Services (ERIS). Caledon Maps was used to obtain aerial photographs for the years 2001, 2007, 2014, 2015, 2018, 2019 and 2021. A summary of pertinent information obtained from the aerial photographs reviewed is presented in the Table below. The supporting documents have been appended under Appendix D.

Table 3-4: Summary of Aerial Photographs

Location	Observations	PCA ID No.
1860		
Phase One Property	According to the Peel Country Atlas published in 1860, the Phase One Property was owned by Geo Watson. The Phase One Property appeared to be undeveloped and/or agricultural field. A creek was depicted on the south portion of the Site.	No PCA
Phase One Study Area	Creditview Road appeared to have been constructed adjacent to the west of the Site. The surrounding properties appeared be undeveloped and/or used for agricultural purposes.	No PCA
1880		
Phase One Property	According to the Peel Country Atlas published in 1880, the Phase One Property was owned by Jno Clark. There appeared to be an orchard and a building structure on the west - central portion of the Phase One Property.	PCA-2
East, West and North and South of the Site	The surrounding properties appeared to be used for agricultural purposes with orchards and farm building structures (next to the orchards).	No PCA
1946, 1954		
Phase One Property	The Phase One Property appeared to be used for agricultural purposes.. There appeared to be a rural home and/or barn surrounded by trees on the west - central portion of the property. An orchard is not visible There also appeared to be aforested area on the northeastern portion of the Phase One Property.	No PCA
North of the Site	The north surrounding properties appeared to be agricultural fields.	No PCA
South of the Site	The South surrounding area appeared to be agricultural fields.	No PCA
East of the Site	The east surrounding area appeared to be agricultural fields. A wooded-forested area appeared to the northeast of the Site.	No PCA
West of the Site	The west surrounding area appeared to be agricultural fields and some wooded-forested area appeared in west adjacent parcel. A barn is depicted on the property.	No PCA
1960		

Location	Observations	PCA ID No.
Phase One Property	The Phase One Property appeared to be used for agricultural purposes. There appear to creeks on the south and east portions of the Site.	PCA-1
North of the Site	No significant change	No PCA
South of the Site	The south surrounding area appeared to be agricultural fields. A creek appeared to be present adjacent to the south boundary of the Site.	No PCA
East of the Site	No significant change	No PCA
West of the Site	The west surrounding area appeared to be agricultural fields with a creek. A barn is depicted on the property.	No PCA
1974, 1985, 1990		
Phase One Property	Multiple buildings structures are present on west-central portion of the Site.	No PCA
North of the Site	The north surrounding properties appeared to be agricultural fields. Two building structures were present on the adjacent properties northwest of the Site.	No PCA
South of the Site	Buildings were developed on the properties southeast of the Site.	No PCA
East and West of the Site	No Significant Change	No PCA
2001, 2007		
Phase One Property	No significant Change	PCA-1
North of the Site	More building structures were added on the adjacent properties northwest of the Site.	No PCA
South of the Site	No significant Change	No PCA
East and West of the Site	No Significant Change	No PCA
2014, 2015, 2018		
Phase One Property	Some building structures appeared to have been removed from the west – central portion of the Site. It is inferred that fill material may have been imported to these areas for grading purposes. There appears to be multiple creeks on the Phase One Property.	PCA-3
North, South, East and West of the Site	No significant changes.	No PCA
2019, 2021		
Phase One Property	The Phase One Property appeared to have been used for agricultural purposes.	PCA-1
North, South, East and West of the Site	No significant changes.	No PCA

3.3.2 Topography, Hydrology, Geology

The topography of the Phase One Property is generally flat with a tributary, on the south portion of the Property which flows southeast towards a branch of the Etobicoke Creek. The topography of the Site slops towards the tributary of the Etobicoke Creek on the Phase One Property. The Phase Property has a surface elevation of 265 meters above sea level (masl) on the northwest and 257 masl on the southeast. The topography within the Phase One Study Area generally slopes to the south. The groundwater flow direction within the Phase One Study Area is inferred to the south towards the

Etobicoke Creek, located approximately 2 km from the Site. Based on a review of the MECP well records, the depth to shallow groundwater level is approximately 0.6 – 1.5 and the deep groundwater level is at 5.4 – 7.3 mbgs.

The Site is situated within a drumlinized till plains physiographic region. The surficial geology within the majority of the Phase One Property is described as "clay to silt-textured till derived from glaciolacustrine deposits or shale" and as "Fine-textured glaciolacustrine deposits consisting of silt and clay, minor sand and gravel Interbedded silt and clay and gritty, pebbly flow till and rainout deposit" along the water bodies intersecting across the Property. The bedrock is described as "Shale, limestone, dolostone, siltstone and Queenston Formation". Based on a review of "Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, prepared by Ontario Geological Survey, published 2006," the bedrock in the vicinity of the Site is anticipated to be encountered at a depth of approximately 20 to 25 metres below ground surface (mbgs).

3.3.3 Fill Materials

Based on the review of the aerial photographs, there is a possibility that fill material of unknown quality was imported to Phase One Property for grading purposes after the removal of building structures and trees on the west – central portion of the Site (PCA-3).

3.3.4 Water Bodies and Areas of Natural Significance

During the site visit, standing water was not observed within the central portion of the Phase One Property. A creek is the present on the south portion of the Site and empties into a branch of the Etobicoke Creek flowing in a southeast direction along the south property boundary.

Environmentally Significant Areas are natural areas that have been identified as significant and worthy of protection on three criteria – ecology, hydrology and geology. Municipalities has developed policies to protect natural heritage features. The Region uses Environmentally Significant Areas as a means to protect natural areas like wetlands, fish habitat, woodlands, habitat of rare species, groundwater recharge and discharge areas, and Areas of Natural and Scientific Interest.

Details of areas of natural significance are provided in Section 3.2.4 above.

3.3.5 Well Records

Water well records were also searched as part of the ERIS database query. Three (3) well records for domestic water supply wells were identified on the Phase One Property and twelve (12) listings of water supply wells were identified within the Phase One Study Area. Detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix B.

3.4 Site Operating Records

The Site has never been used for commercial or industrial purposes. As such, no operating records were available.

4.0 Interviews

4.1 Personnel Interviewed

The following persons with the knowledge of the Property were interviewed or provided the required information.

Table 4-1: Summary of Personnel Interviewed

Date	Name	Affiliation	Method of Interview
October 28, 2022	Anil Datt & Dave Mclure	Representing of Site Owner / Site Farmer	Email Questionnaire
November 1, 2022	Steve Roberts	Site Caretaker of Site Building	Site Visit

4.2 Interviewee Rationale

Argo Alloa (BT) Corporation is the current owner of the Site. Anil Datt and Dave McClure who are representing the owner and Steve who is the caretaker of the property are considered to be the most knowledgeable people regarding the historical site operations. The Phase One Interview was conducted by Mr. Omar Jaffer under the supervision of Efuange Khumbah, M. Sc., P. Geo, $QP_{ESA.}$

4.3 Results of Interview

The following summarizes the information that was provided by the site representative, based on their knowledge of site activities.

- The Phase One Property has been owned by Argo Alloa (BT) Corporation since 2018.
- According to Mr. Anil Datt, the House has been vacant, and the rest of the property is being farmed by Dave McClure.
- According to Mr. Anil, there is the application of Round Up - pesticides/herbicides on the Phase One Property for cropping purposes. (PCA-1)
- According to Mr. Anil, an aboveground storage oil tank was present in the basement of the house and might have been removed prior to 2014 (PCA-7).
- According to Mr. Anil, the Property is serviced by a well and septic system located near the house but could not provide the locations.
- According to Steve the on-site building has been inspected and likely has Heritage Building status.

DS compared the information obtained through the Phase One Interview with the information obtained from the historical records for the Site. The information provided by the interviewee was corroborated by the historical records, as such DS has no concern regarding the accuracy of the information provided.

5.0 Site Reconnaissance

5.1 General Requirements

Table 5-1: Site Reconnaissance Notes

Information	Details
Date of Investigation:	November 01, 2022
Time of Investigation:	9:00 AM
Weather Conditions:	Overcast
Duration of Investigation:	2 hours
Facility Operation:	Vacant 2 storey building and farmland
Name and Qualification of Person(s) conducting the assessment	Omar Jaffer, under the supervision of Rick Fioravanti, B. Sc., P. Geo, QP_{ESA}
Limitations	No limitations

5.2 Specific Observations at Phase One Property

The Site Reconnaissance involved a visual assessment of the Phase One Property for the purpose of identifying potential PCAs, and associated APECs. Photographs of the Phase One Property were taken at the time of the Site Reconnaissance, and have been included under Appendix E.

Table 5-2: Summary of Site Reconnaissance Observations

General		
i.	Description of structures and other improvements, including the number and age of buildings	The Site contains a two-storey vacant residential dwelling with a basement built in 1897 based on interview. A garage extension was built to the east of the building in the 90s.
ii.	Description of the number, age and depth of below-ground structures	The Site-building contains a single level basement with a furnace, sump pump and an electrical panel.
iii.	Details of all tanks, above and below ground at the Phase One Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	There was no evidence of an ASTs or USTs at the Site.
iv.	Potable and non-potable water sources	There were no potable water wells observed on the Site.
Underground Utilities and Corridors		

i.	Type and location of underground utility and service corridors, such as sewer, water, electrical or gas lines located on, in or under the Phase One Property.	The property is connected through overhead hydro lines, however; the lines were disconnected at the electrical panel, so the Site Building was without electricity. The location of natural gas supply lines into the basement of the Site building is unknown. A sump pump was identified in the northeastern portion of the basement at the time of Site Reconnaissance; A telephone pedestal is at the southeast end of the Phase One Property.
Features of Structures and Buildings at the Phase One Property		
i.	Entry and exit points	There is an unpaved driveway off Creditview Road at the central - west portion of Phase One Property.
ii.	Details of existing and former heating systems, including type and fuel source	A coal/wooden chimney was visible on the south side of the living room that supplied heating to the house in the 1800s as per Steve. Reportedly, an old fuel oil AST (PCA-7) in the basement was removed prior to 2014 that supplied heating as per the email questionnaire. A natural gas fired furnace was installed in 2001 to supply heating to the house.
iii.	Details of cooling systems, including type and fuel source, if any	None Observed.
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	There was Sump Pump identified in the northeastern side of basement of Site building. No drains, pits were on the property
v.	Details of any unidentified substances	No unidentified substances identified
vi.	Details, including locations of strains or corrosion on floors other than from water, where located near a drain, pit, sump, crack or other potential discharge location	None Observed.
vii.	Details, including locations, of current and former wells, including all wells described or defined in or under the *Ontario Water Resources Act* and the *Oil, Gas and Salt Resources Act*	No water supply wells were observed during the Site reconnaissance.
viii.	Details of sewage works, including their location	No evidence of on-site sewage treatment system was observed during the Site reconnaissance.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	The majority of the Phase One Property is farmland. The area surrounding the Site building is covered with herbaceous plants. The northeast portion of the property is wooded area.
x.	Details of current or former railway lines or spurs and their locations	None observed
xi.	Areas of stained soil, vegetation or pavement	None observed.

xii.	Stressed vegetation	None observed
xiii.	Areas where fill and debris materials appear to have been placed or graded	None observed
xiv.	Potentially contaminating activity	PCA-1: The Site is currently used for agricultural or farming purposes.
xv.	Details of any unidentified substances found at the Phase One Property	None observed
Enhanced Investigation Property		
Where subsection 13(3) applies to the Phase One Property, provide the documentation referred to in subsection 13(3)		In order to be classified as an enhanced investigation property, the Phase One Property must be used or have been used in whole or in part for any of the following uses: ◆ Any industrial use ◆ As a garage ◆ As a bulk liquid dispensing facility, including a gasoline outlet ◆ For the operation of dry cleaning equipment There is no indication in the historical records of the Phase One Property being used for any of the aforementioned uses, and as such the Phase One Property is not considered an enhanced investigation property.
Hazardous Materials		
i.	Asbestos containing materials	Asbestos and asbestos-containing materials were used as insulation and construction materials until being phased out in the late 1970s. Based on the age of the site building, which was constructed prior to the 1980s, there is a potential for asbestos insulation and asbestos-containing construction materials to be present in the site buildings.
ii.	Lead containing materials	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. Based on the age of the site building, which was constructed prior to the 1970s, there is a potential for lead solder and paint to be present in the site buildings.
iii.	PCB materials and equipment	Prior to the mid- to late-1970s, PCBs were used in the manufacture of electrical equipment, including fluorescent light ballasts. Based on the age of the site building, which was constructed prior to the 1970s, there is a potential for PCBs to be present in the site buildings.
iv.	Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. There is potential that UFFI was used during repair work in the building.
v.	Ozone Depleting Substances (ODS)	None observed.
vi.	Herbicides and Pesticides	It is likely that herbicides and pesticides are applied on the farmland.

vii.	Mould	Mould is likely present at various portion of the building. A designated surface survey is recommended to determine if mould is present in the building.
viii.	Mercury	Based on the age of the building, there is potential for mercury to be present in fluorescent lights observed in the building. Mercury with small quantity could be present inside the electrical switches or thermostats observed in the units of the building.
ix.	acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	None observed.
x.	Pits and Lagoons	None observed.
xi.	Air Emissions	None observed.
xii.	Radioactive Materials & Radon Gas	Based on local geological formations in the area, it is unlikely the site is exposed to natural sources of radiation such as radon or uranium. Manmade sources of radioactive materials were not observed during the site inspection. A radiometric survey was not conducted during this investigation.

5.3 Written Description of Investigation

The site reconnaissance included a visual inspection of the Phase One Property to confirm current conditions and identify any current land uses or activities, which may have or may cause environmental impacts. The adjoining and neighbouring properties were observed from the Phase One Property and publicly accessible areas.

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily residential and agricultural, as described in the table below:

Table 5-3: Summary of Site Reconnaissance Observations within Phase One Study Area

Observation	Details
Phase One Property	The majority of the Phase One Property is farmland**. (PCA-1)** The Site-building is situated on the west central portion of the property surrounded by grass and wood fragment. The orientation of the Site Building is depicted in the Figure 2. The northwest portion of the property appeared to have a wooded area.
North Adjacent Property	The northeast adjacent Properties was occupied by residential dwellings and agricultural land are north of the Site.
East Adjacent Property	The east adjacent property was occupied by agricultural lands
South Adjacent Property	The south adjacent property was occupied by agricultural lands.
West Adjacent Property	Creditview Road is adjacent to the Site followed by agricultural fields. The southwest adjacent Properties were occupied by a residential dwelling.
Water Bodies	A creek is present on the south portion of the Phase One Property

Observation	Details
Areas of Natural Significance	The Site is not listed under Area of Natural Significance (ANSI).

Photographs illustrating the Phase One Property and adjacent properties are provided under Appendix E. A summary of the potentially contaminating activities observed is provided in Section 6.2. A visual depiction of the PCAs identified within the Phase One Study Area is provided under Figure 4.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Current and past uses of the Phase One Property have been inferred based on the information provided in the aerial photographs, city directories and conversations with the site representative. The Phase One Property appears to have always been used for mixed agricultural and residential purpose.

6.2 Potentially Contaminating Activity

According to the Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may contributing to areas of potential environmental concern on the Phase One Property. The PCAs identified on the Phase One Property and within the Phase One Study Area are summarized in the table below and are illustrated on Figure 4.

Table 6-1: Summary of PCAs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA - 1	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Application of pesticides (Round-up) on the Phase One Property for agricultural purposes.	Yes –APEC - 1
PCA - 2	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Historic presence of an Orchard (1880) on the Phase One Property	Yes – APEC 2
PCA - 3	#30 - Importation of Fill Material of Unknown Quality	Fill material of unknown quality is inferred to have been used for grading purposes after the barn was demolished in 2015.	Yes – APEC 3
PCA - 4	#N/S – Application of de-icing agents[1]	De-icing agents may have been applied to the unpaved driveway and road along Creditview Road, as observed thru Aerials.	Yes – APEC 4

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
PCA - 5	#59 – Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products	Terra Cotta Woodworks Inc. and Tcww Inc. - described as Wood Kitchen Cabinet and Countertop Manufacturing located at 12458 Creditview Road approximately 20 m west of the Site was registered in the waste generator database for the generation, use and/or storage of aliphatic solvents.	No – there is a creek between this property and the site and another creek to the south of the property. Any spilled substance will migrate towards the creeks
PCA-6	#27 - Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	Presence of Brampton Brake & Wheel at 12577 Creditview Road	No. The property is residential property with indicated of automotive repairs
PCA-7	#28 Gasoline and Associated Products Storage in Fixed Tanks	Former presence of oil tank in the basement of the Site building	APEC - 5

N/S - not specified in Table 2, Schedule D, of O.Reg. 153/04

6.3 Areas of Potential Environmental Concern

The table of APECs presented in the form as approved by the Director is provided below, in accordance with clause 16(2)(a), Schedule D, O.Reg. 153/04.

Table 6-2: Summary of APECs

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)
APEC-1	Entire Site	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site PCA-1	Metals, As, Sb, Se, CN-, OC Pesticides	Soil
APEC-2	West- Central portion of the Phase One Property	#40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage	On-Site PCA-2	Metals, As, Sb, Se, CN-, OC Pesticides	Soil

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
		and Large-Scale Applications			
APEC 3	West- Central portion of the Phase One Property	#30 - Importation of Fill Material of Unknown Quality	On-Site PCA-3	Metals, As, Sb, Se, B-HWS, CN-,EC, Cr (IV), Hg, Low or high pH, SAR, PAHs, PHC, BTEX	Soil
APEC- 4	West- Central portion of the Phase One Property	#Others - Seasonal application of de-icing salts	On-Site PCA-4	EC, SAR,	Soil
				Na, Cl-,	Groundwater
APEC- 5	West- Central portion of the Phase One Property	#28 Gasoline and Associated Products Storage in Fixed Tanks	On-Site PCA-7	PHC, BTEX, PAHs	Soil & Groundwater

The rationale used by the QP in assessing the information obtained through the course of this investigation to determine whether PCAs exist and/or are contributing to an APEC on the Phase One Property has been provided in the proceeding sections. In general, the potential for a PCA to be contributing to an APEC on the Phase One Property was assessed using the likelihood of the source to contaminate the Phase One Property, the possibility of the contaminants to migrate to the Phase One Property based on the hydraulic and geologic conditions, and the inherent properties of the contaminants of concern.

The contaminants of potential concern were determined based on the professional experience of the QP, common industry standards, literature reviews, and the inherent properties of the contaminant.

This investigation was conducted based on the assumption that all information provided to DS was factual and accurate. DS is not aware of any uncertainty factors which would affect the conclusions of this investigation.

6.4 Phase One Conceptual Site Model

A Conceptual Site Model was developed for the Phase One Property, located at 12455 Creditview Road, Caledon, Ontario. The Phase One Conceptual Site Model is presented in Drawings 1 to 5 and visually depict the following:

- Any existing buildings and structures
- Water bodies located in whole, or in part, on the Phase One Study Area
- Areas of natural significance located in whole, or in part, on the Phase One Study Area

- Water wells at the Phase One Property or within the Phase One Study Area
- Roads, including names, within the Phase One Study Area
- Uses of properties adjacent to the Phase One Property
- Areas where any PCAs have occurred, including location of any tanks
- Areas of Potential Environmental Concern

6.4.1 Potentially Contaminating Activity Affecting the Phase One Property

All PCAs identified within the Phase One Study Area are presented on Figure 4 and discussed in Section 6.2 above. The PCAs which are considered to contribute to APECs on, in or under the Phase One Property are summarized in the table below:

Table 6-3: Summary of PCAs Contributing to APECs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Rationale
PCA-1	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Application of pesticides on the Phase One Property for agricultural purposes.	Yes – APEC-1 PCA is on-Site
PCA-2	#40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Historic presence of an Orchard (1880) on the Phase One Property and adjacent neighbouring properties	Yes – APEC-2 PCA is on-Site
PCA-3	#30 - Importation of Fill Material of Unknown Quality	Fill material of unknown quality is inferred to have been used for grading purposes after the barn was demolished in 2015 at the Site.	Yes – APEC 3 PCA is on-Site
PCA-4	#N/S – Application of de-icing agents[1]	De-icing salt may have been applied to the unpaved driveway and road along Creditview Road during winter months.	Yes – APEC 4 PCA is on-Site
PCA-7	#28 - Gasoline and Associated Products Storage in Fixed Tanks	Former presence of oil tank in the basement of the Site building	Yes – APEC 5 PCA is on-Site

N/S - not specified in Table 2, Schedule D, of O.Reg. 153/04

6.4.2 Contaminants of Potential Concern

A summary of the contaminants of potential concern identified for each respective APEC is presented in Table 6-2 above. The following contaminants of potential concern were identified for the Phase One Property: Metals, As, Sb, Se, B-HWS, CN-, EC, Cr (IV), Hg, Low or high pH, SAR, PAHs, PHCs, VOCs and OCPs.

6.4.3 Underground Utilities and Contaminant Distribution and Transport

Underground utilities can affect contaminant distribution and transport. Trenches excavated to install utility services, and the associated granular backfill may provide preferential pathways for horizontal contaminant migration in the shallow subsurface.

Underground utilities were assumed to be present at the Phase One Property, including water, natural gas, electrical, and sewer services to the existing Site Buildings. A sewage treatment system is understood to be present at the Site. The location of sewage treatment system is unknown. Plans were not available to confirm the depths of these utilities, however they are estimated to be installed at depths ranging from 2 to 3 metres below ground surface.

The shallow depth to groundwater is approximately 0.6 – 1.5 and the deep groundwater level is at 5.4 – 7.3 mbgs., therefore it is unlikely that the utility corridors may act as preferential pathways for contaminant distribution and transport in the event that shallow subsurface contaminants exist at the Phase One Property.

6.4.4 Geological and Hydrogeological Information

The topography of the Phase One Property is generally flat with a tributary of the Etobicoke Creek, on the south portion of the Property and flows southeast towards a branch of the Etobicoke Creek. The topography of the Site slops towards the tributary of the Etobicoke Creek on the Phase One Property. The Phase Property has a surface elevation of 265 meters above sea level (masl) on the northwest and 257 masl on the southeast. The topography within the Phase One Study Area generally slopes to the south. The groundwater flow direction within the Phase One Study Area is inferred to the south towards the Etobicoke Creek, located approximately 2 km from the Site. Based on a review of the MECP well records, the depth to shallow groundwater level is approximately 0.6 – 1.5 and the deep groundwater level is at 5.4 – 7.3 mbgs

The Site is situated within a drumlinized till plains physiographic region. The surficial geology within the majority of the Phase One Property is described as “clay to silt-textured till derived from glaciolacustrine deposits or shale” and as “Fine-textured glaciolacustrine deposits consisting of silt and clay, minor sand and gravel Interbedded silt and clay and gritty, pebbly flow till and rainout deposit” along the water bodies intersecting across the Property. The bedrock is described as “Shale, limestone, dolostone, siltstone and Queenston Formation”. Based on a review of “Bedrock Topography and Overburden Thickness Mapping, Southern Ontario, prepared by Ontario Geological Survey, published 2006,” the bedrock in the vicinity of the Site is anticipated to be encountered at a depth of approximately 20 to 25 metres below ground surface (mbgs).

6.4.5 Uncertainty and Absence of Information

DS has relied upon information obtained from federal, provincial, municipal, and private databases, in addition to records and summaries provided by ERIS. All information obtained was reviewed and

assessed for consistency, however the conclusions drawn by DS are subject to the nature and accuracy of the records reviewed.

All reasonable inquiries were made to obtain reasonably accessible information, as mandated by O.Reg.153/04 (as amended). All responses to database requests were received prior to completion of this report, with the exception of the MECP FOI request. If the MECP FOI request produces information which may alter the conclusions of this report, an addendum will be provided to the Client. This report reflects the best judgement of DS based on the information available at the time of the investigation. If the City Directory Search produces information which may alter the conclusions of this report, an addendum will be provided to the Client. This report reflects the best judgement of DS based on the information available at the time of the investigation.

Information used in this report was evaluated based on proximity to the Phase One Property, anticipated direction of local groundwater flow, and the potential environmental impact on the Phase One Property as a result of potentially contaminating activities.

The QP has determined that the uncertainty does not affect the validity of the Phase One ESA Conceptual Site Model or the conclusions of this report.

7.0 Conclusions

DS conducted a Phase One ESA for the properties located at 12455 Creditview Road, Caledon, Ontario. The Phase One ESA was completed in general accordance with the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA was to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property.

Based on the information obtained as part of this investigation, it is concluded that seven (7) PCAs were identified within the Phase One Study Area, five (5) of which are considered to be contributing to five (5) APECs on, in or under the Phase One Property.

7.1 Phase Two Environmental Site Assessment Requirement

Further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

7.2 RSC Based on Phase One Environmental Site Assessment

A Record of Site Condition cannot be filed on the basis of the Phase One ESA due to the identification of Areas of Potential Environmental Concern on the Phase One Property.

7.3 Limitations

This report was prepared for the sole use of Argo Alloa (BT) Corporation and is intended to provide an assessment of the environmental condition on the property located at12455 Creditview Road. The information presented in this report is based on information collected during the completion of the Phase One Environmental Site Assessment by DS Consultants Ltd. The material in this report reflects DS' judgment in light of the information available at the time of report preparation. This report may not be relied upon by any other person or entity without the written authorization of DS Consultants Ltd. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this documents or findings, conclusions and recommendations represented herein, is at the sole risk of said users.

The information and conclusions presented in this report are professional opinions in accordance with generally accepted engineering and scientific practices based on a cursory historical search, visual observations and limited information provided by persons knowledgeable about past and current activities on this site. The work completed as per the scope of work is considered sufficient in detail to form a reasonable basis for the findings presented in this report. As such, DS Consultants Ltd. cannot be held responsible for environmental conditions at the site that was not apparent from the available information.

7.4 Qualifications of the Assessors

Omar Jaffer, Chemical Engineering Technologist

Mr. Omar Jaffer, is an Environmental Technologist with DS Consultants Ltd. He obtained a Chemical Engineering Technologist Advanced Diploma from Humber College with honors. Omar has over 15 years' experience in engineering and designing groundwater pumps and controllers used in Phase 2 applications. He has experience in conducting Phase One and Two Environmental Site Assessments, and in completing soil and groundwater contamination programs in accordance with Ontario Regulation 153/04 to support the future filing of Record of Site Conditions.

Efuange Khumbah, M.Sc. P.Eng., QP_{ESA}

Efuange is a Senior Project Manager, providing environmental services at DS Consultants Ltd. He is a registered professional engineer, in the provinces of Ontario. With over 13 years working for the public and private sectors, Efuange has experience serving clients in constructional, financial institutions, insurance companies, legal firms, manufacturing industries, oil/gas/petrochemical as well as municipal, provincial and federal agencies. In Canada he has managed projects in British Columbia, Alberta, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, and Newfound land. His area of expertise includes, environmental site assessment, soil and groundwater remediation, litigation support, excess soil management, senior review of environmental reports, and air quality monitoring. Reports prepared by Efuange have been published by the Town of

Newmarket, City of Mississauga, and the Ontario Ministry of Environment Conservation and Parks. Efuange hold a M.Sc. degree in Environmental Science and Resource management.

Mr. Patrick (Rick) Fioravanti, B.Sc., P.Geo., QP_{ESA}

Mr. Fioravanti is the Manager of Environmental Services with DS Consultants Limited. Patrick holds a Honours Bachelor of Science with distinction in Toxicology from the University of Guelph and is a practicing member of the Association of Professional Geoscientists of Ontario (APGO). Patrick has over ten years of environmental consulting experience and has conducted and/or managed hundreds of projects in his professional experience. Patrick has extensive experience conducting Phase One and Phase Two Environmental Site Assessments in support of brownfields redevelopment in urban settings, and been involved in numerous remediation projects, supported many risk assessments, and successfully filed Records of Site Condition with the Ministry of Environment, Conservation and Parks. He has conducted work across southern and eastern Ontario, and Quebec in his professional experience. Patrick is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

7.5 Signatures

DS Consultants Ltd. conducted this Phase One Environmental Site Assessment and confirms the findings and conclusions contained within this report.

Yours truly,

DS Consultants Ltd.

Prepared by:

Omar Jaffer
Environmental Technologist

Reviewed By:

Efuange Khumbah, M.Sc. P.Eng., QP_{ESA}
Senior Project Manager – Environmental Services

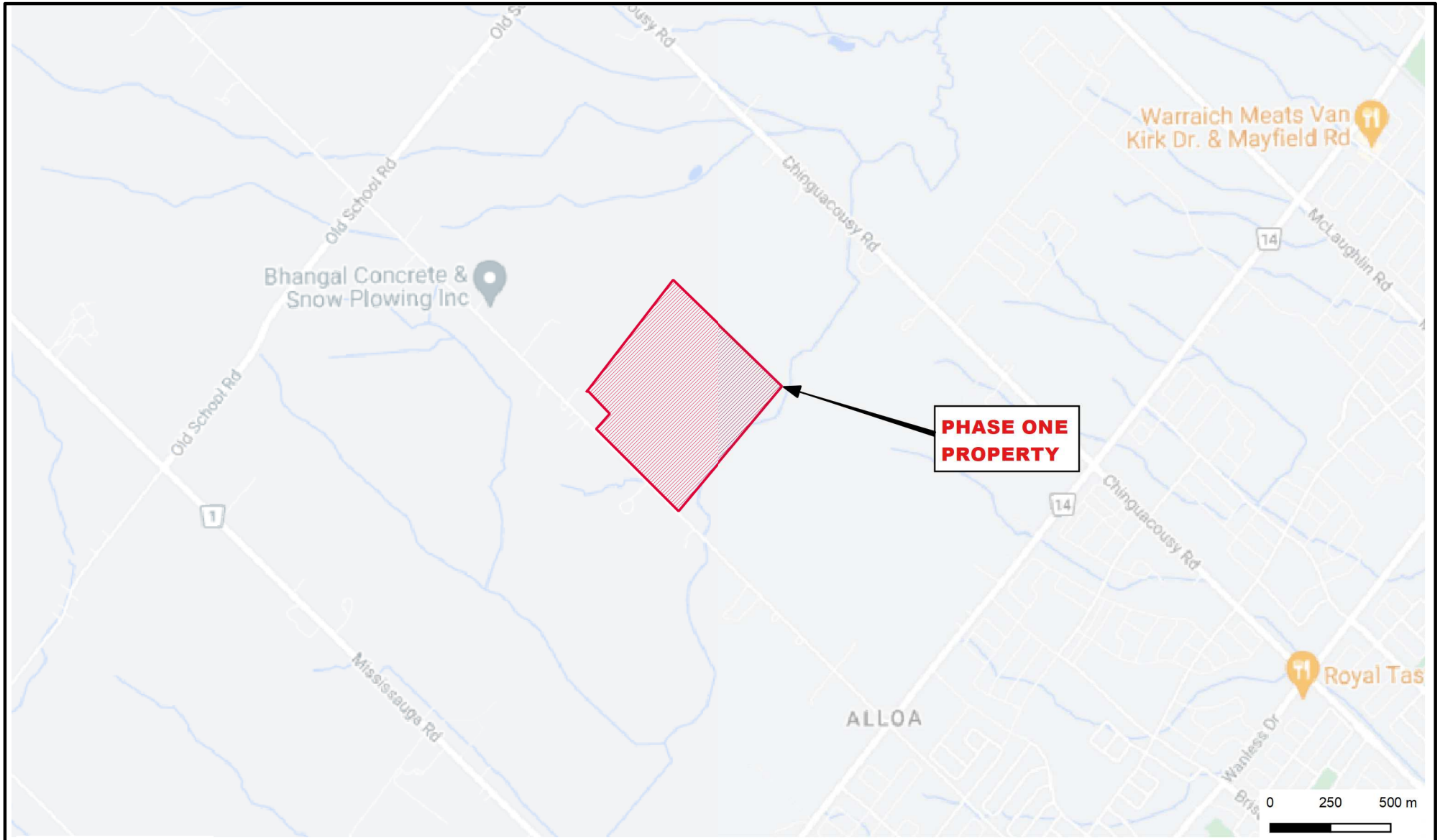
Rick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Environmental Project Manager

8.0 References

- Canadian Standards Association (CSA) Document Z768-01 Phase 1 Environmental Site Assessment, Nov. 2001
- Ontario Regulation 153/04 Records of Site Condition — Part Xv.1 of The Act
- Natural Resources Canada Toporama http://atlas.gc.ca/toporama/en/index.html
- Environment Canada, National Pollutant Release Inventory
- Ontario Ministry of the Environment Hazardous Waste Information Network https://www.hwin.ca/hwin/
- Ontario Ministry of the Environment, Certificate of Approval search
- Ontario Ministry of the Environment, Brownfields Environmental Site Registry https://www.ontario.ca/page/ministry-environment-and-climate-change
- Ontario Ministry of the Environment, Inventory of Coal Gasification Plan Waste Sites in Ontario, 1987
- Ontario Ministry of the Environment, Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, 1998
- Ontario Ministry of the Environment, Inventory of PCB Storage Sites, 1994-2004
- Waste Disposal Site Inventory, 1991
- Ministry of Environment, Conservation and Parks-Freedom of Information
- Technical Standards and Safety Authority – Fuel Safety Division inquiry
- Ontario Geological Survey, 2013. Quaternary Geology of Ontario. Ontario Geological Survey, scale 1:100,000.
- Ontario Ministry of Northern Development and Ontario Geological Survey, 1991. Bedrock Geology of Ontario, Southern Sheet; Ontario Geological Survey, Map 2544, scale 1:1,000,000.
- Ontario Ministry of Natural Resources. Quaternary Geology of Toronto and Surrounding Area. Scale 1:100,000. Map number 2204.
- Historical Maps, aerial photos and Ontario Base Map
- City Directories from 2001 back to 1900
- City of Toronto online-services
- Environmental Risk Information Services (ERIS Report)

Figures

J:\-GIS\000-2022 Projects\22-390-100 - 12455 Creditview Road, Caledon, ON\1-QGIS\Phase One\Figure 1 - Site Location Plan.qgs Nov-17 08:58



Legend

Property Boundary

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
12455 Creditview Road, Caledon, ON

Title: **SITE LOCATION PLAN**

N

Client: ARGO ALLOA (BT) CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P	November 2022
Rev: 0	Scale: As Shown	Project No.: 22-390-100	Figure No.: 1

Image/Map Source: *Google Streetmap Image*

J:\-GIS\2022 PROJECTS\22-390-100 - 12455 Creditview Road, Caledon, ON\1-QGIS\Phase One\Figure 2 - Phase One Property Site Plan.qgs Jan-11 10:46

Legend

Property Boundary

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
12455 Creditview Road, Caledon, ON

Title: **PHASE ONE PROPERTY SITE PLAN**

N

Client: ARGO ALLOA (BT) CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P	January 2023
Rev: 0	Scale: As Shown	Project No.: 22-390-100	Figure No.: 2

Image/Map Source: *Google Satellite Image*

J:\-GIS\000-2022 Projects\22-390-100 - 12455 Creditview Road, Caledon, ON\1-QGIS\Phase One\Figure 3 - Phase One Study Area.qgs Nov-17 09:57

Legend

- Property Boundary
- 250m Buffer
- Agricultural Use
- Residential Use

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO ALLOA (BT) CORPORATION

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
12455 Creditview Road, Caledon, ON

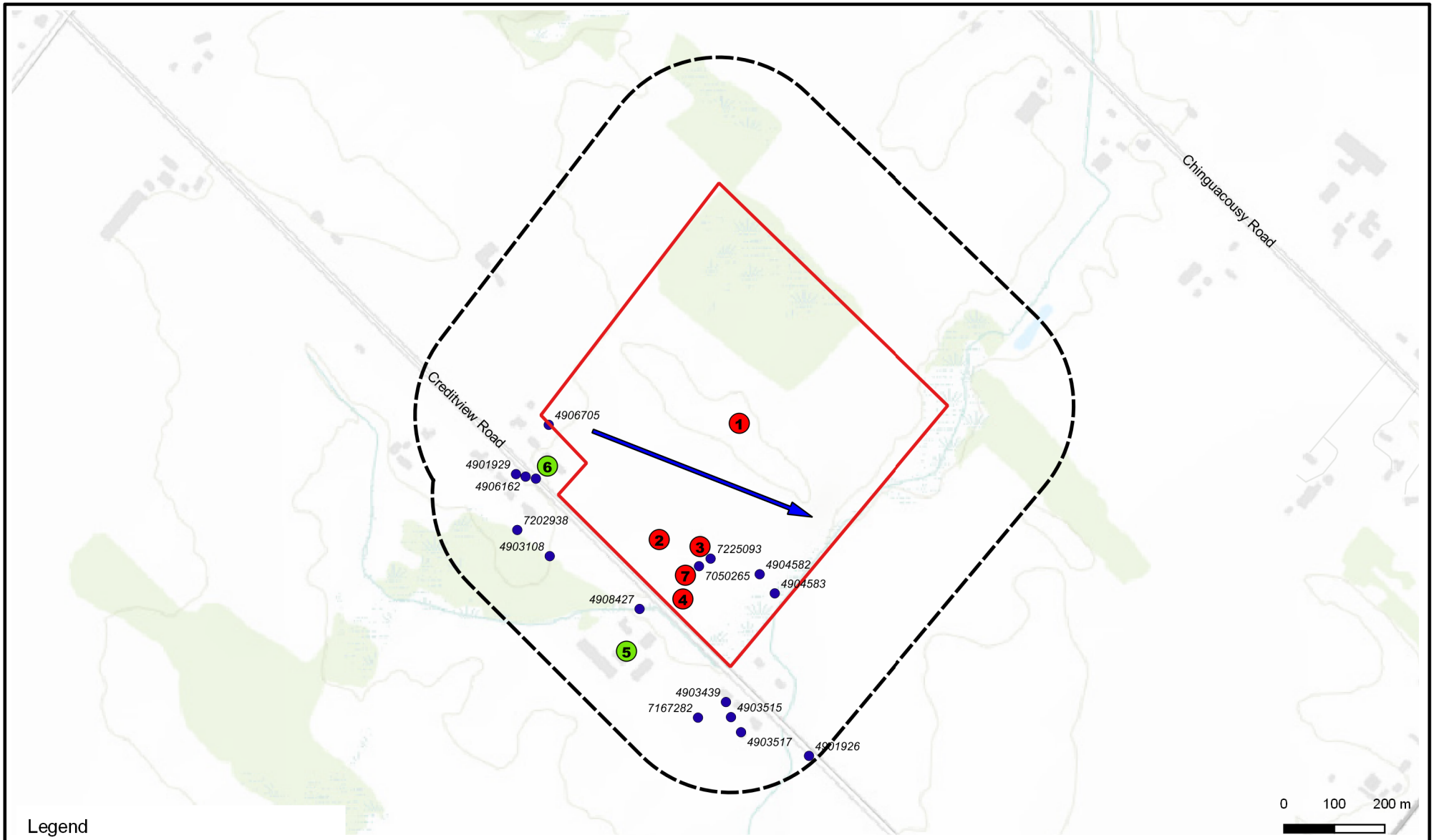
Title: **PHASE ONE PROPERTY SITE PLAN**

N

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P	November 2022
Rev: 0	Scale: As Shown	Project No.: 22-390-100	Figure No.: 3

Image/Map Source: *Google Satellite Image*

J:\-GIS\2022 PROJECTS\22-390-100 - 12455 Creditview Road, Caledon, ON\1-QGIS\Phase One\Figure 4 - PCAs within Phase One Study Area.qgs Jan-11 10:47



Legend

- Property Boundary
- 250m Buffer
- PCA Not Contributiing to APEC
- PCA Contributing to APEC
- Registered Water Well (MECP WWR)
- Inferred Groundwater Flow Direction

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
12455 Creditview Road, Caledon, ON

Title: **PCAs WITHIN PHASE ONE STUDY AREA**

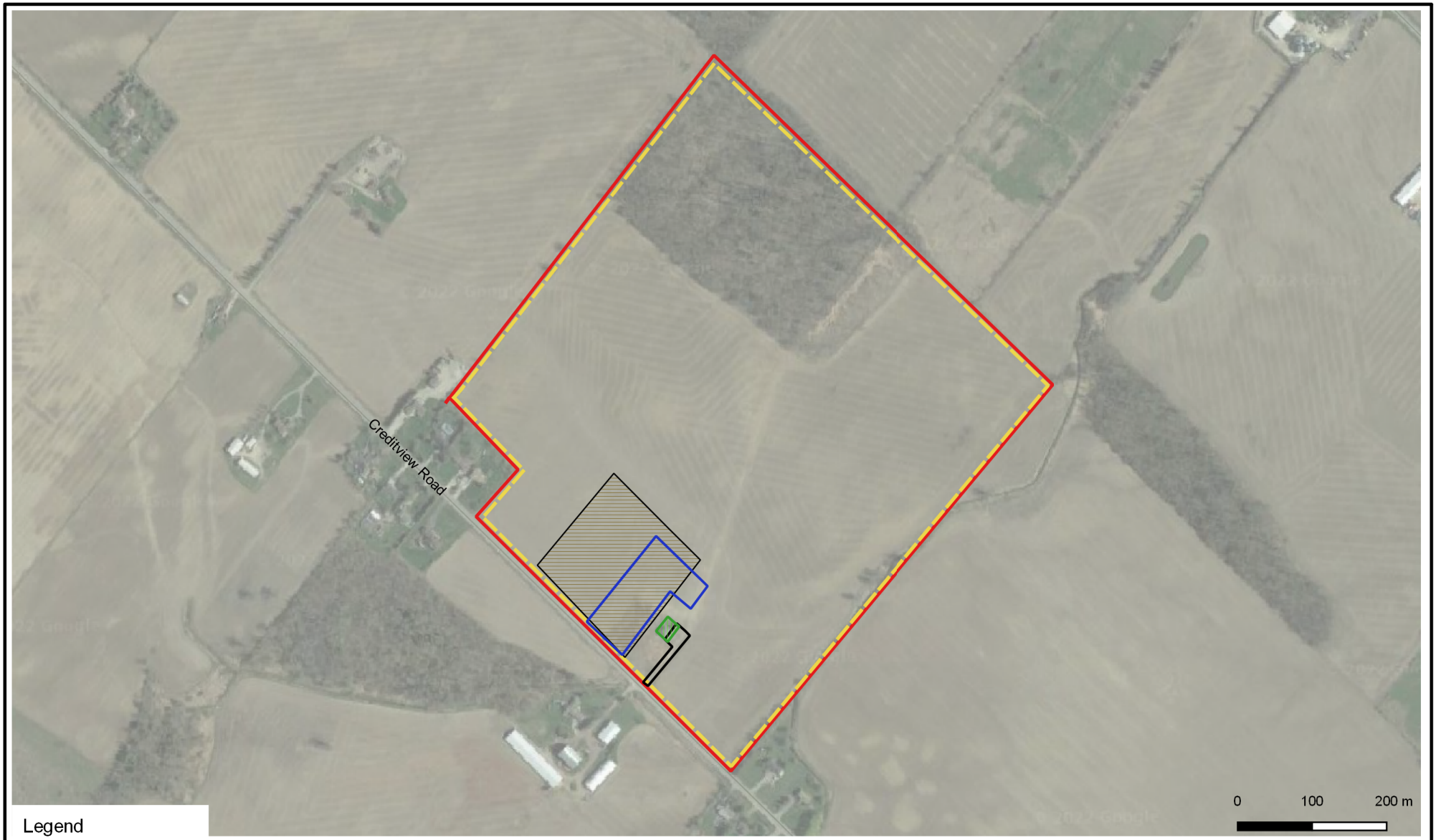
N

Client: ARGO ALLOA (BT) CORPORATION

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P	January 2023
Rev: 0	Scale: As Shown	Project No.: 22-390-100	Figure No.: 4

Image/Map Source: *Esri Topo Image*

J:\-GIS\000-2022 Projects\22-390-100 - 12455 Creditview Road, Caledon, ON\1-QGIS\Phase One\Figure 5 - APEC Location Plan.qgs Nov-17 09:09



Legend

- Property Boundary
- APEC - 1
- APEC - 2
- APEC - 3
- APEC - 4
- APEC - 5

DS CONSULTANTS LTD.
6221 Highway 7, UNIT 16
Vaughan, Ontario L4H 0K8
Telephone: (905) 264-9393
www.dsconsultants.ca

Client: ARGO ALLOA (BT) CORPORATION

Project: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
12455 Creditview Road, Caledon, ON

Title: **APEC LOCATION PLAN**

N

Size:	Approved By:	Drawn By:	Date:
8.5 x 11	E.K.	P.P	November 2022
Rev: 0	Scale: As Shown	Project No.: 22-390-100	Figure No.: **5**

Image/Map Source: *Google Satellite Image*

Appendix A

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.

DATE APRIL 7th, 2022

A. U. KUMARANAYAKE O.L.S.

PLAN 43R-40186

RECEIVED AND DEPOSITED

DATE Sept 14, 2022

"Tyson Giroux"

REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF PEEL (No.43)

SCHEDULE

PART	LOT	CONCESSION	P.I.N.
1	PART OF 20	3, WEST OF HURONTARIO STREET	ALL OF 14252-0021

PLAN OF SURVEY OF PART OF LOT 20, CONCESSION 3 WEST OF HURONTARIO STREET (GEOGRAPHIC TOWNSHIP OF CHINGUACOUSY) TOWN OF CALEDON REGIONAL MUNICIPALITY OF PEEL

SCALE 1:1000

10m 0m 10m 20m 30m 40m 50m 60m 70m 80m 90m 100 metres

R-PE SURVEYING LTD., O.L.S.

METRIC

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

NOTES

□	DENOTES MONUMENT SET
■	DENOTES MONUMENT FOUND
SSIB	DENOTES SHORT STANDARD IRON BAR
SIB	DENOTES STANDARD IRON BAR
IB	DENOTES IRON BAR
P.I.N.	DENOTES PROPERTY IDENTIFIER NUMBER
PL1	DENOTES PLAN 43R-1311
PL2	DENOTES PLAN 43R-25708
PL3	DENOTES PLAN 43R-37043
PL4	DENOTES PLAN OF SURVEY BY McLEAN, McMURCHY & BIASON, O.L.S. DATED SEPTEMBER 25, 1967, AMENDED DECEMBER 22, 1967
PL5	DENOTES PLAN 43R-9458
PL6	DENOTES PLAN OF SURVEY BY McLEAN, McMURCHY & BIASON, O.L.S., DATED DECEMBER 10, 1970
PL7	DENOTES PLAN 43R-9074
PL8	DENOTES SKETCH SHOWING BUILDING LOCATION BY B. I. McMURCHY, DATED 1980 (79-8506)
PL9	DENOTES PLAN 43R-19559
PL10	DENOTES PLAN 43R-10208
D2	DENOTES INSTRUMENT No. RO924322
D3	DENOTES INSTRUMENT No. RO904373
D4	DENOTES INSTRUMENT No. RO1031959
CALC	DENOTES CALCULATED FROM PL2 & PL7
CALC2	DENOTES CALCULATED FROM PL4 & PL5
(769)	DENOTES I. L. THOMPSON, O.L.S.
(865)	DENOTES D. P. McLEAN, O.L.S.
(1109)	DENOTES B. I. McMURCHY, O.L.S.
(1184)	DENOTES E. BIASON, O.L.S.
(1253)	DENOTES D. J. CULLEN, O.L.S.
(1254)	DENOTES R. E. CLIPSHAM, O.L.S.
(1515)	DENOTES T. V. LANKVELD, O.L.S.
(1521)	DENOTES DOLLIVER SURVEYING INC, O.L.S.
(NI)	DENOTES NOT IDENTIFIED
ORP	DENOTES OBSERVED REFERENCE POINT
W.H.S.	DENOTES WEST OF HURONTARIO STREET
GA	DENOTES GUY ANCHOR
BXB	DENOTES BELL BOX

INTEGRATION NOTE

BEARINGS ARE GRID, UTM, NAD83 (CSRS:CBN-V6:2010.0), DERIVED FROM OBSERVED REFERENCE POINTS Ⓐ AND Ⓑ USING REAL TIME NETWORK (RTN) No. PRS402698094688 (NORTHING 4854714.46, EASTING 598022.52).

COORDINATES ARE UTM, ZONE 17, NAD83 (CSRS:CBN-V6:2010.0), TO URBAN ACCURACY PER SEC. 14 (2) OF O.REG. 216/10, AND CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES

POINT	NORTHING	EASTING
ORP Ⓐ	4841534.59	591211.14
ORP Ⓑ	4840575.73	591234.49

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999670.

SURVEYOR'S CERTIFICATE

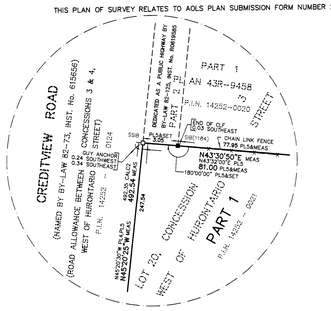
I CERTIFY THAT:

1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON THE 11th DAY OF MARCH 2022.

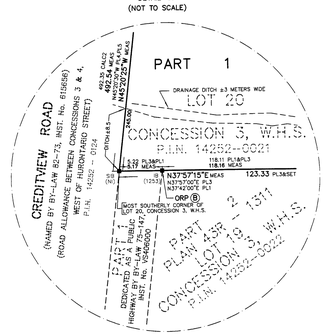
DATE APRIL 7th 2022

A. U. KUMARANAYAKE
ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER 2196760.



DETAIL "A"
(NOT TO SCALE)



DETAIL "B"
(NOT TO SCALE)

R-PE SURVEYING LTD.
ONTARIO LAND SURVEYORS
643 Chrisler Road, Suite 7,
Woodbridge, Ontario L4L 8A3
Tel.(416)635-5000 Fax (416)635-5001
Tel.(905)264-0881 Fax (905)264-2099
Website: www.r-pe.ca

DRAWN: S.L. CHECKED: A.K.
JOB No. 21-367 CAD FILE No.21-367R01

Appendix B

DATABASE REPORT

Project Property:	*22-390-100 - Phase One Property* *12455 Creditview Road* *Caledon ON L7C 1Y6*
Project No:	*22-390-100*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*22102600108*
Requested by:	*DS Consultants Ltd.*
Date Completed:	*October 28, 2022*

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

Table of Contents

Executive Summary

Property Information:

Project Property:	*22-390-100 - Phase One Property* *12455 Creditview Road Caledon ON L7C 1Y6*
Project No:	*22-390-100*

Order Information:

Order No:	*22102600108*
Date Requested:	*October 26, 2022*
Requested by:	*DS Consultants Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site plus 250m Radius*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	1	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	1	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	3	3
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	4	12	16
	Total:		5	19	24

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	EHS		12455 Creditview Rd Caledon ON L7C 1Y6	ENE/0.0	0.00	16
2	WWIS		12455 CREDITVIEW ROAD lot 19 con 4 KLEINBURG ON ***Well ID:*** 7225093	SSW/0.0	-1.53	16
3	WWIS		lot 20 con 3 ON ***Well ID:*** 7050265	SSW/0.0	-1.00	18
4	WWIS		lot 20 con 3 ON ***Well ID:*** 4904582	SSE/0.0	-2.00	24
5	WWIS		lot 20 con 3 ON ***Well ID:*** 4904583	SSE/0.0	-3.42	27

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	WWIS		lot 21 con 3 ON ***Well ID:*** 4906705	W/4.4	2.00	31
7	WWIS		lot 20 con 4 ON ***Well ID:*** 4908427	SW/45.8	-2.00	35
8	WWIS		lot 19 con 4 ON ***Well ID:*** 4903439	S/68.1	-2.13	38
9	WWIS		lot 21 con 4 ON ***Well ID:*** 4907822	W/70.5	1.00	42
10	WWIS		lot 19 con 3 ON ***Well ID:*** 4906162	W/89.6	1.00	45
11	GEN	Terra Cotta Woodworks Inc.	12458 Creditview Road Brampton ON L6V 1A1	SW/91.8	-2.00	49
11	GEN	Terra Cotta Woodworks Inc.	12458 Creditview Road Caledon ON L7C 1Y1	SW/91.8	-2.00	50
11	GEN	Tcww Inc	12458 Creditview Road Caledon ON L7C 1Y1	SW/91.8	-2.00	50
12	WWIS		lot 19 con 4 ON ***Well ID:*** 4903515	S/97.3	-2.00	50
13	WWIS		lot 20 con 4 ON ***Well ID:*** 4903108	WSW/97.8	0.00	53
14	WWIS		lot 20 con 4 ON ***Well ID:*** 4901929	W/108.5	1.00	55
15	WWIS		lot 20 con 4 Caledon ON	WSW/109.3	1.00	58

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7202938			
16	CA	Essential Contracting Ltd.	12370 Creditview Rd Caledon ON L7C 1X9	S/116.9	-2.00	63
16	EASR	ESSENTIAL DISPOSAL SERVICES INC.	12370 CREDITVIEW RD CALEDON ON L7C 1X9	S/116.9	-2.00	63
16	ECA	Essential Contracting Ltd.	12370 Creditview Rd Caledon ON L7E 1E2	S/116.9	-2.00	63
17	WWIS		12240 CREDITVIEW RD lot 19 con 4 Caledon ON ***Well ID:*** 7167282	S/118.6	-2.12	64
18	WWIS		lot 19 con 4 ON ***Well ID:*** 4903517	S/128.7	-2.00	68
19	EHS		12652 Creditview Rd Caledon ON L7C1Y1	W/228.0	3.00	71
20	WWIS		lot 19 con 4 ON ***Well ID:*** 4901926	SSE/232.6	-2.05	71

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Essential Contracting Ltd.	12370 Creditview Rd Caledon ON L7C 1X9	116.9	16

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011- Aug 31, 2022 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
ESSENTIAL DISPOSAL SERVICES INC.	12370 CREDITVIEW RD CALEDON ON L7C 1X9	116.9	16

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Aug 31, 2022 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Essential Contracting Ltd.	12370 Creditview Rd Caledon ON L7E 1E2	116.9	16

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	12455 Creditview Rd Caledon ON L7C 1Y6	0.0	1

Site	Address	Distance (m)	Map Key
	12652 Creditview Rd Caledon ON L7C1Y1	228.0	19

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2022 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Terra Cotta Woodworks Inc.	12458 Creditview Road Caledon ON L7C 1Y1	91.8	11
Tcww Inc	12458 Creditview Road Caledon ON L7C 1Y1	91.8	11
Terra Cotta Woodworks Inc.	12458 Creditview Road Brampton ON L6V 1A1	91.8	11

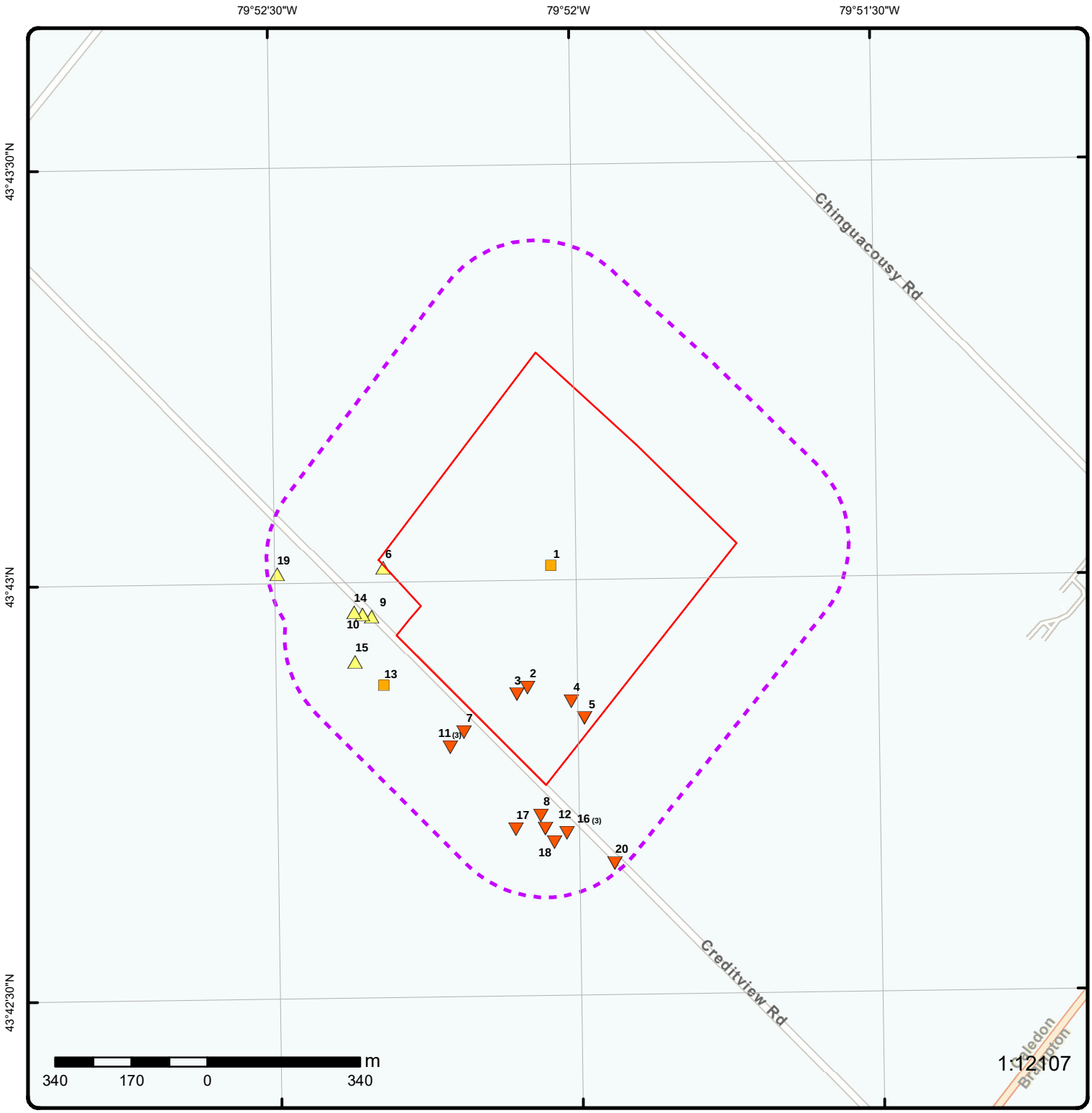
WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 16 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	12455 CREDITVIEW ROAD lot 19 con 4 KLEINBURG ON ***Well ID:*** 7225093	0.0	2
	lot 20 con 3 ON ***Well ID:*** 7050265	0.0	3
	lot 20 con 3 ON ***Well ID:*** 4904582	0.0	4
	lot 20 con 3 ON	0.0	5

Site	Address	Distance (m)	Map Key
	Well ID: 4904583		
	lot 21 con 3 ON	4.4	6
	Well ID: 4906705		
	lot 20 con 4 ON	45.8	7
	Well ID: 4908427		
	lot 19 con 4 ON	68.1	8
	Well ID: 4903439		
	lot 21 con 4 ON	70.5	9
	Well ID: 4907822		
	lot 19 con 3 ON	89.6	10
	Well ID: 4906162		
	lot 19 con 4 ON	97.3	12
	Well ID: 4903515		
	lot 20 con 4 ON	97.8	13
	Well ID: 4903108		
	lot 20 con 4 ON	108.5	14
	Well ID: 4901929		
	lot 20 con 4 Caledon ON	109.3	15
	Well ID: 7202938		
	12240 CREDITVIEW RD lot 19 con 4 Caledon ON	118.6	17
	Well ID: 7167282		
	lot 19 con 4 ON	128.7	18
	Well ID: 4903517		

Site	Address	Distance (m)	Map Key
	lot 19 con 4 ON ***Well ID:*** 4901926	232.6	**20**



Map: 0.25 Kilometer Radius

Order Number: 22102600108

Address: 12455 Creditview Road, Caledon, ON

ERIS

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

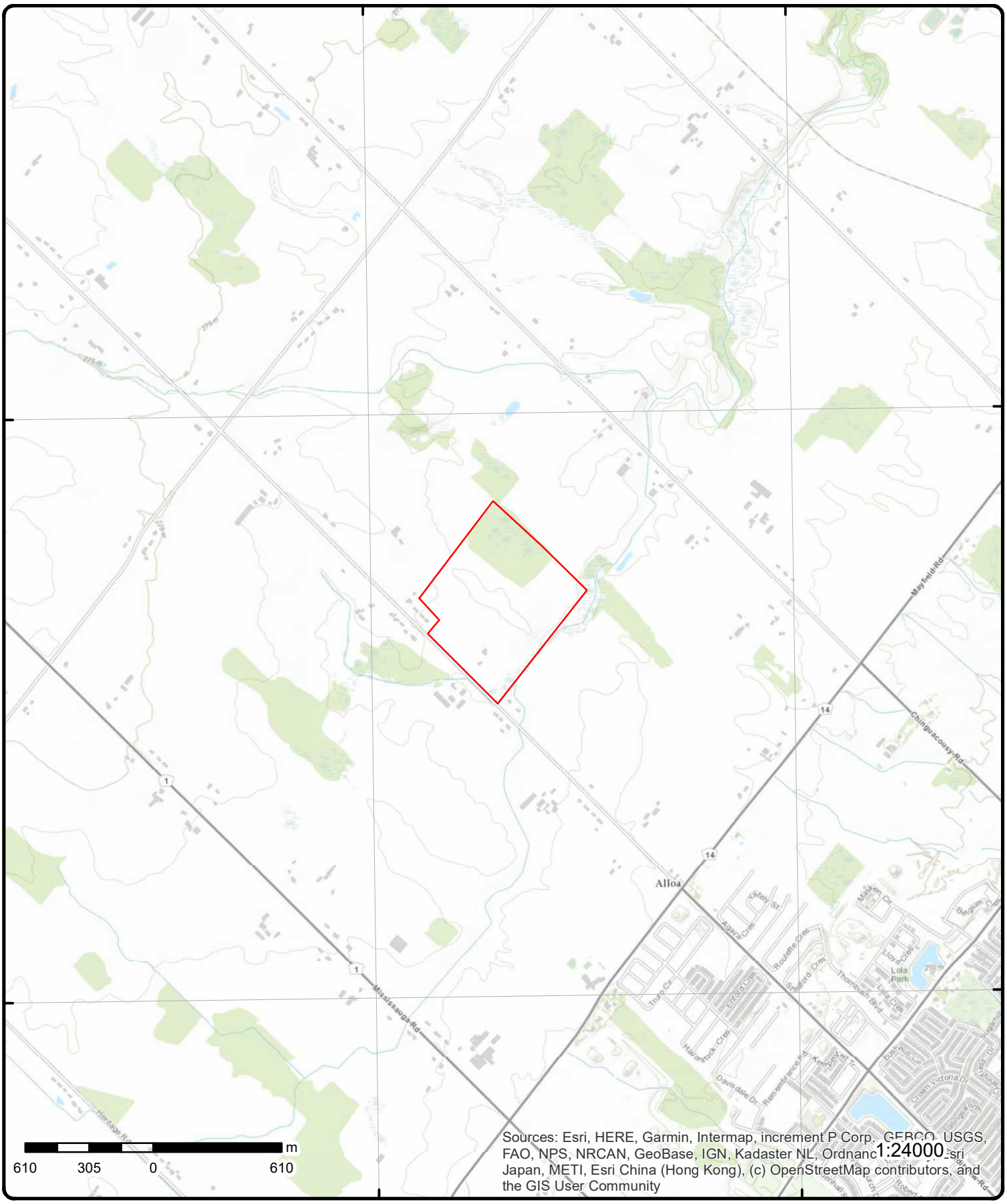
Aerial

Year: 2021

Order Number: 22102600108

Address: 12455 Creditview Road, Caledon, ON

Source: ESRI World Imagery



Topographic Map

Address: 12455 Creditview Road, ON

Source: ESRI World Topographic Map

Order Number: 22102600108

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ENE/0.0	261.9 / 0.00	12455 Creditview Rd Caledon ON L7C 1Y6	EHS

Order No:	20130409023	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Select Report	**Client Prov/State:**	ON
Report Date:	18-APR-13	**Search Radius (km):**	.25
Date Received:	09-APR-13	**X:**	0
Previous Site Name:		**Y:**	0
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SSW/0.0	260.3 / -1.53	12455 CREDITVIEW ROAD lot 19 con 4 KLEINBURG ON	WWIS

Well ID:	7225093	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:		**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Abandoned-Other	**Date Received:**	06-Aug-2014 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	Yes
Audit No:	Z191977	**Contractor:**	7147
Tag:		**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	019
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date:	2014/07/17
Year Completed:	2014
Depth (m):	
Latitude:	43.7145156666703
Longitude:	-79.8680919971725
Path:	

Bore Hole Information

Bore Hole ID:	1005024816	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17

Code OB:		**East83:**	591184.00
Code OB Desc:		**North83:**	4840788.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	17-Jul-2014 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1005175915
Layer: 1
Plug From: 0.0
Plug To: 2.200000047683716
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005175916
Layer: 2
Plug From: 2.200000047683716
Plug To: 13.699999809265137
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005175917
Layer: 3
Plug From: 13.699999809265137
Plug To:
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005175914
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1005175908
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005175912
Layer: 1
Material: 1

Open Hole or Material:	STEEL
Depth From:	0.0
Depth To:	13.699999809265137
Casing Diameter:	15.0
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005175913
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Water ID:	1005175911
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	0.6000000238418579
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1005175910
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Links

Bore Hole ID:	1005024816	**Tag No:**	
Depth M:		**Contractor:**	7147
Year Completed:	2014	**Path:**	
Well Completed Dt:	2014/07/17	**Latitude:**	43.7145156666703
Audit No:	Z191977	**Longitude:**	-79.8680919971725

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3 | ***1 of 1*** | ***SSW/0.0*** | ***260.9 / -1.00*** | ***lot 20 con 3 ON*** | ***WWIS***

Well ID:	7050265	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	09-Oct-2007 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z42487	**Contractor:**	7143
Tag:	A040882	**Form Version:**	3
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	020
Depth to Bedrock:		**Concession:**	03

Well Depth:		**Concession Name:**	
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/705\7050265.pdf

Additional Detail(s) (Map)

Well Completed Date: 2007/07/23
Year Completed: 2007
Depth (m): 12.8
Latitude: 43.7143834603811
Longitude: -79.8683799928758
Path: 705\7050265.pdf

Bore Hole Information

Bore Hole ID:	23050265	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	591161.00
Code OB Desc:		**North83:**	4840773.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	23-Jul-2007 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr

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

Overburden and Bedrock Materials Interval

Formation ID: 30250265
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2.430000066757202
Formation End Depth: 3.9600000381469727
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30450265
Layer: 4
Color: 2
General Color: GREY

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5.789999961853027
Formation End Depth: 6.699999809265137
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30350265
Layer: 3
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 3.9600000381469727
Formation End Depth: 5.789999961853027
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30550265
Layer: 5
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 6.699999809265137
Formation End Depth: 10.359999656677246
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 30150265
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 2.430000066757202
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID:	30650265
Layer:	6
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.359999656677246
Formation End Depth:	12.800000190734863
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	44005715
Layer:	1
Plug From:	0.0
Plug To:	5.480000019073486
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	25950265
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	29050265
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	42150265
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0.9100000262260437
Depth To:	10.65999984741211
Casing Diameter:	15.239999771118164
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	43150265
Layer:	1
Slot:	0.3
Screen Top Depth:	5.480000019073486
Screen End Depth:	
Screen Material:	1
Screen Depth UOM:	m
Screen Diameter UOM:	cm

Screen Diameter: 21.540000915527344

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 27050265
Pump Set At: 12.1899995803833
Static Level: 1.5199999809265137
Final Level After Pumping:
Recommended Pump Depth: 12.1899995803833
Pumping Rate: 15.140000343322754
Flowing Rate:
Recommended Pump Rate: 0.9100000262260437
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 45042509
Test Type: Draw Down
Test Duration: 5
Test Level: 11.880000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 45042510
Test Type: Draw Down
Test Duration: 10
Test Level: 11.880000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 45042506
Test Type: Draw Down
Test Duration: 30
Test Level: 11.880000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 45042514
Test Type: Draw Down
Test Duration: 60
Test Level: 11.880000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 45042507
Test Type: Draw Down
Test Duration: 4
Test Level: 11.880000114440918
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	45042513
Test Type:	Draw Down
Test Duration:	50
Test Level:	11.880000114440918
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	45042515
Test Type:	Draw Down
Test Duration:	15
Test Level:	11.880000114440918
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	45042508
Test Type:	Draw Down
Test Duration:	20
Test Level:	11.880000114440918
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	45042511
Test Type:	Draw Down
Test Duration:	25
Test Level:	11.880000114440918
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	45042512
Test Type:	Draw Down
Test Duration:	40
Test Level:	11.880000114440918
Test Level UOM:	m

Water Details

Water ID:	41150265
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	10.359999656677246
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	46004367
Diameter:	15.239999771118164
Depth From:	0.0
Depth To:	12.800000190734863
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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

Links

Bore Hole ID:	23050265	***Tag No:***	A040882
Depth M:	12.8	***Contractor:***	7143
Year Completed:	2007	***Path:***	705\7050265.pdf
Well Completed Dt:	2007/07/23	***Latitude:***	43.7143834603811
Audit No:	Z42487	***Longitude:***	-79.8683799928758

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4 | ***1 of 1*** | ***SSE/0.0*** | ***259.9 / -2.00*** | ***lot 20 con 3 ON*** | ***WWIS***

Well ID:	4904582	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11-Feb-1975 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3637
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	020
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	HS W
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	

Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904582.pdf

Additional Detail(s) (Map)

Well Completed Date:	1974/10/03
Year Completed:	1974
Depth (m):	8.8392
Latitude:	43.7142246076953
Longitude:	-79.8668871780419
Path:	490\4904582.pdf

Bore Hole Information

Bore Hole ID:	10319364	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	591281.50
Code OB Desc:		***North83:***	4840757.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	03-Oct-1974 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

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

Overburden and Bedrock Materials Interval

Formation ID:	932046309
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932046310
Layer:	2
Color:	2
General Color:	GREY
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932046311
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	10
Mat2 Desc:	COARSE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	29.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904582
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10867934

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930527227
Layer: 2
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 26.0
Casing Diameter: 21.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930527228
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 29.0
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930527226
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 21.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994904582
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 18.0
Recommended Pump Depth: 20.0
Pumping Rate: 14.0
Flowing Rate: 2.0
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: Yes

Draw Down & Recovery

Pump Test Detail ID: 935044025
Test Type: Draw Down
Test Duration: 60
Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934533725
Test Type: Draw Down
Test Duration: 30
Test Level: 9.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934259194
Test Type: Draw Down
Test Duration: 15
Test Level: 5.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934787851
Test Type: Draw Down
Test Duration: 45
Test Level: 14.0
Test Level UOM: ft

Water Details

Water ID: 933792619
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 28.0
Water Found Depth UOM: ft

Water Details

Water ID: 933792618
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 8.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10319364
Depth M: 8.8392
Year Completed: 1974
Well Completed Dt: 1974/10/03
Audit No:
Tag No:
Contractor: 3637
Path: 490\4904582.pdf
Latitude: 43.7142246076953
Longitude: -79.8668871780419

5	1 of 1	SSE/0.0	258.4 / -3.42	lot 20 con 3 ON	WWIS

Well ID: 4904583
Flowing (Y/N):

Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	11-Feb-1975 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3637
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	020
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4904583.pdf

Additional Detail(s) (Map)

Well Completed Date: 1974/10/01
Year Completed: 1974
Depth (m): 9.144
Latitude: 43.7138788321764
Longitude: -79.8665212966354
Path: 490\4904583.pdf

Bore Hole Information

Bore Hole ID:	10319365	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	591311.50
Code OB Desc:		**North83:**	4840719.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	01-Oct-1974 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

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

Overburden and Bedrock Materials Interval

Formation ID: 932046315
Layer: 4
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:

Formation Top Depth: 9.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932046316
Layer: 5
Color: 7
General Color: RED
Mat1: 28
Most Common Material: SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932046313
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 03
Mat2 Desc: MUCK
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 1.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932046312
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932046314
Layer: 3
Color: 7
General Color: RED

Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	4.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964904583
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10867935
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930527229
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	30.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994904583
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	23.0
Recommended Pump Depth:	27.0
Pumping Rate:	14.0
Flowing Rate:	
Recommended Pump Rate:	4.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934787852
Test Type:	Draw Down
Test Duration:	45

Test Level: 18.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934259195
Test Type: Draw Down
Test Duration: 15
Test Level: 8.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935044443
Test Type: Draw Down
Test Duration: 60
Test Level: 23.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934533726
Test Type: Draw Down
Test Duration: 30
Test Level: 13.0
Test Level UOM: ft

Water Details

Water ID: 933792620
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 24.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10319365
Depth M: 9.144
Year Completed: 1974
Well Completed Dt: 1974/10/01
Audit No:
Tag No:
Contractor: 3637
Path: 490\4904583.pdf
Latitude: 43.7138788321764
Longitude: -79.8665212966354

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6 | **1 of 1** | **W/4.4** | **263.9 / 2.00** | **lot 21 con 3 ON** | **WWIS**

Well ID: 4906705
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 05062
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 28-Oct-1987 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4919
Form Version: 1
Owner:
County: PEEL
Lot: 021
Concession: 03
Concession Name: HS W

Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4906705.pdf

Additional Detail(s) (Map)

Well Completed Date:	1987/07/25
Year Completed:	1987
Depth (m):	9.7536
Latitude:	43.7169497032427
Longitude:	-79.8720372362763
Path:	490\4906705.pdf

Bore Hole Information

Bore Hole ID:	10321267	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	590862.50
Code OB Desc:		**North83:**	4841054.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	25-Jul-1987 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Loc Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932054790
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932054792
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28

Most Common Material:	SAND
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	32.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932054791
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964906705
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10869837
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930530102
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	32.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994906705
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	28.0
Recommended Pump Depth:	28.0
Pumping Rate:	

Flowing Rate:
Recommended Pump Rate: 4.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934529421
Test Type: Draw Down
Test Duration: 30
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934783505
Test Type: Draw Down
Test Duration: 45
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934254845
Test Type: Draw Down
Test Duration: 15
Test Level: 26.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935049002
Test Type: Draw Down
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933794714
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 10.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10321267
Depth M: 9.7536
Year Completed: 1987
Well Completed Dt: 1987/07/25
Audit No: 05062
Tag No:
Contractor: 4919
Path: 490\4906705.pdf
Latitude: 43.7169497032427
Longitude: -79.8720372362763

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	1 of 1	SW/45.8	259.9 / -2.00	lot 20 con 4 ON	WWIS

Well ID:	4908427	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Livestock	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09-May-1999 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	186055	**Contractor:**	4868
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	020
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4908427.pdf

Additional Detail(s) (Map)

Well Completed Date:	1999/02/16
Year Completed:	1999
Depth (m):	9.4488
Latitude:	43.7136327761677
Longitude:	-79.8698601182624
Path:	490\4908427.pdf

Bore Hole Information

Bore Hole ID:	10322963	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	591042.90
Code OB Desc:		**North83:**	4840688.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	16-Feb-1999 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps
Loc Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932063277
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT

Mat2:	28
Mat2 Desc:	SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	27.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932063276
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932063275
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932063278
Layer:	4
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	90
Mat2 Desc:	VERY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	30.0
Formation End Depth:	31.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 933171092
Layer: 1
Plug From: 0.0
Plug To: 10.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964908427
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10871533
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930532544
Layer: 2
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 30.0
Casing Diameter: 3.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930532543
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 6.0
Casing Diameter: 32.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994908427
Pump Set At:
Static Level: 3.0
Final Level After Pumping: 7.0
Recommended Pump Depth: 15.0
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 4

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934259332
Test Type:
Test Duration: 15
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934525640
Test Type:
Test Duration: 30
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934787934
Test Type:
Test Duration: 45
Test Level: 6.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935044706
Test Type:
Test Duration: 60
Test Level: 6.0
Test Level UOM: ft

Water Details

Water ID: 933796511
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 3.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10322963
Depth M: 9.4488
Year Completed: 1999
Well Completed Dt: 1999/02/16
Audit No: 186055
Tag No:
Contractor: 4868
Path: 490\4908427.pdf
Latitude: 43.7136327761677
Longitude: -79.8698601182624

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8 | **1 of 1** | **S/68.1** | **259.7 / -2.13** | **lot 19 con 4 ON** | **WWIS**

Well ID: 4903439
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 03-Jul-1970 00:00:00

Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1307
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	019
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903439.pdf

Additional Detail(s) (Map)

Well Completed Date:	1970/05/27
Year Completed:	1970
Depth (m):	8.5344
Latitude:	43.7119462894652
Longitude:	-79.8677617696051
Path:	490\4903439.pdf

Bore Hole Information

Bore Hole ID:	10318273	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	591214.50
Code OB Desc:		**North83:**	4840503.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	27-May-1970 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932041637
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041638
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041639
Layer:	3
Color:	2
General Color:	GREY
Mat1:	10
Most Common Material:	COARSE SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	24.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964903439
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10866843
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930525754
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	28.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	994903439
Pump Set At:	
Static Level:	
Final Level After Pumping:	15.0
Recommended Pump Depth:	15.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	30.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Yes

Draw Down & Recovery

Pump Test Detail ID:	934530399
Test Type:	Recovery
Test Duration:	30
Test Level:	0.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935049455
Test Type:	Recovery
Test Duration:	60
Test Level:	0.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934784958
Test Type:	Recovery
Test Duration:	45
Test Level:	0.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934255866
Test Type:	Recovery
Test Duration:	15
Test Level:	14.0
Test Level UOM:	ft

Water Details

Water ID:	933791459
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	28.0
Water Found Depth UOM:	ft

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

Links

Bore Hole ID:	10318273	***Tag No:***	
Depth M:	8.5344	***Contractor:***	1307
Year Completed:	1970	***Path:***	490\4903439.pdf
Well Completed Dt:	1970/05/27	***Latitude:***	43.7119462894652
Audit No:		***Longitude:***	-79.8677617696051

9	1 of 1	W/70.5	262.9 / 1.00	lot 21 con 4 ON	WWIS

Well ID:	4907822	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	16-Feb-1994 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	125588	***Contractor:***	4919
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	021
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	HS W
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4907822.pdf

Additional Detail(s) (Map)

Well Completed Date:	1993/03/20
Year Completed:	1993
Depth (m):	12.4968
Latitude:	43.7159895897989
Longitude:	-79.8723717968969
Path:	490\4907822.pdf

Bore Hole Information

Bore Hole ID:	10322381	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	590837.00
Code OB Desc:		***North83:***	4840947.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	20-Mar-1993 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	gps
Loc Method Desc:	from gps		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932060676
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	1.0
Formation End Depth:	41.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932060675
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964907822
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10870951
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930531811
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	41.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994907822
Pump Set At:
Static Level: 10.0
Final Level After Pumping: 30.0
Recommended Pump Depth: 35.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934532692
Test Type: Recovery
Test Duration: 30
Test Level: 26.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934786768
Test Type: Recovery
Test Duration: 45
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934258175
Test Type: Recovery
Test Duration: 15
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935043528
Test Type: Recovery
Test Duration: 60
Test Level: 23.0
Test Level UOM: ft

Water Details

Water ID: 933795968
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 30.0
Water Found Depth UOM: ft

Water Details

Water ID:	933795969
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	40.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10322381	**Tag No:**	
Depth M:	12.4968	**Contractor:**	4919
Year Completed:	1993	**Path:**	490\4907822.pdf
Well Completed Dt:	1993/03/20	**Latitude:**	43.7159895897989
Audit No:	125588	**Longitude:**	-79.8723717968969

10 | ***1 of 1*** | ***W/89.6*** | ***262.9 / 1.00*** | ***lot 19 con 3 ON*** | ***WWIS***

Well ID:	4906162	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	14-May-1984 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	3132
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	019
Depth to Bedrock:		**Concession:**	03
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4906162.pdf

Additional Detail(s) (Map)

Well Completed Date:	1983/08/04
Year Completed:	1983
Depth (m):	24.384
Latitude:	43.7160281087141
Longitude:	-79.8726255550985
Path:	490\4906162.pdf

Bore Hole Information

Bore Hole ID:	10320739	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	590816.50
Code OB Desc:		**North83:**	4840951.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	3
Date Completed:	04-Aug-1983 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	gps

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

Overburden and Bedrock Materials Interval

Formation ID:	932052542
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932052543
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	9.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932052545
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	22.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932052546
Layer:	5
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	66
Mat3 Desc:	DENSE
Formation Top Depth:	36.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932052547
Layer:	6
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	91
Mat2 Desc:	WATER-BEARING
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	69.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932052544
Layer:	3
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	18.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933169932
Layer:	1
Plug From:	0.0
Plug To:	16.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964906162
Method Construction Code:	1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10869309
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930529243
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 71.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930529244
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 80.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 994906162
Pump Set At:
Static Level:
Final Level After Pumping: 40.0
Recommended Pump Depth: 60.0
Pumping Rate: 10.0
Flowing Rate: 1.0
Recommended Pump Rate: 7.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 12
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934253209
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934528256
Test Type:	Draw Down
Test Duration:	30
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	935047810
Test Type:	Draw Down
Test Duration:	60
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934782352
Test Type:	Draw Down
Test Duration:	45
Test Level:	40.0
Test Level UOM:	ft

Water Details

Water ID:	933794102
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10320739	***Tag No:***	
Depth M:	24.384	***Contractor:***	3132
Year Completed:	1983	***Path:***	490\4906162.pdf
Well Completed Dt:	1983/08/04	***Latitude:***	43.7160281087141
Audit No:		***Longitude:***	-79.8726255550985

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 3	SW/91.8	259.9 / -2.00	***Terra Cotta Woodworks Inc.*** ***12458 Creditview Road*** ***Brampton ON L6V 1A1***	GEN

Generator No:	ON4933063	***Status:***	
SIC Code:	337110	***Co Admin:***	
SIC Description:	Wood Kitchen Cabinet and Counter Top Manufacturing	***Choice of Contact:***	
Approval Years:	05	***Phone No Admin:***	
PO Box No:		***Contam. Facility:***	
Country:		***MHSW Facility:***	

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	2 of 3	SW/91.8	259.9 / -2.00	Terra Cotta Woodworks Inc. 12458 Creditview Road Caledon ON L7C 1Y1	GEN

Generator No: ON4933063
SIC Code: 337110
SIC Description: Wood Kitchen Cabinet and Counter Top Manufacturing
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	3 of 3	SW/91.8	259.9 / -2.00	Tcww Inc 12458 Creditview Road Caledon ON L7C 1Y1	GEN

Generator No: ON4933063
SIC Code: 337110
SIC Description: WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING
Approval Years: 2014
PO Box No:
Country: Canada
Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	1 of 1	S/97.3	259.9 / -2.00	lot 19 con 4 ON	WWIS

Well ID: 4903515
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04-Dec-1970 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1307
Form Version: 1
Owner:
County: PEEL
Lot: 019
Concession: 04
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903515.pdf

Additional Detail(s) (Map)

Well Completed Date:	1970/11/03
Year Completed:	1970
Depth (m):	8.5344
Latitude:	43.7116749938015
Longitude:	-79.8676427497409
Path:	490\4903515.pdf

Bore Hole Information

Bore Hole ID:	10318349	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	591224.50
Code OB Desc:		***North83:***	4840473.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	03-Nov-1970 00:00:00	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4

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

Overburden and Bedrock Materials Interval

Formation ID:	932041962
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041963
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932041964
Layer:	3
Color:	2
General Color:	GREY
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	27.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964903515
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10866919
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930525845
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	28.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	994903515
Pump Set At:	
Static Level:	
Final Level After Pumping:	20.0
Recommended Pump Depth:	25.0
Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	25.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0

Flowing: Yes

Water Details

Water ID: 933791539
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 28.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10318349
Depth M: 8.5344
Year Completed: 1970
Well Completed Dt: 1970/11/03
Audit No:
Tag No:
Contractor: 1307
Path: 490\4903515.pdf
Latitude: 43.7116749938015
Longitude: -79.8676427497409

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13 ***1 of 1*** ***WSW/97.8*** ***261.9 / 0.00*** ***lot 20 con 4 ON*** ***WWIS***

Well ID: 4903108
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 25-Nov-1968 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4919
Form Version: 1
Owner:
County: PEEL
Lot: 020
Concession: 04
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903108.pdf

Additional Detail(s) (Map)

Well Completed Date: 1968/10/22
Year Completed: 1968
Depth (m): 3.6576
Latitude: 43.7145998810712
Longitude: -79.8720564907164
Path: 490\4903108.pdf

Bore Hole Information

Bore Hole ID: 10317948
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Elevation:
Elevrc:
Zone: 17
East83: 590864.50
North83: 4840793.00
Org CS:

Cluster Kind:
Date Completed: 22-Oct-1968 00:00:00
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 932040408
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932040409
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964903108
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10866518
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930525295
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	12.0
Casing Diameter:	36.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	994903108
Pump Set At:	
Static Level:	6.0
Final Level After Pumping:	
Recommended Pump Depth:	11.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933791121
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	6.0
Water Found Depth UOM:	ft

Links

Bore Hole ID:	10317948	**Tag No:**	
Depth M:	3.6576	**Contractor:**	4919
Year Completed:	1968	**Path:**	490\4903108.pdf
Well Completed Dt:	1968/10/22	**Latitude:**	43.7145998810712
Audit No:		**Longitude:**	-79.8720564907164

14	1 of 1	W/108.5	262.9 / 1.00	lot 20 con 4 ON	WWIS

Well ID:	4901929	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	31-Oct-1960 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1325
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	020

Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901929.pdf

Additional Detail(s) (Map)

Well Completed Date:	1960/07/09
Year Completed:	1960
Depth (m):	5.4864
Latitude:	43.7160754456795
Longitude:	-79.8728605277768
Path:	490\4901929.pdf

Bore Hole Information

Bore Hole ID:	10316772	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	590797.50
Code OB Desc:		**North83:**	4840956.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	09-Jul-1960 00:00:00	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932036127
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932036129
Layer:	3
Color:	3

General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932036128
Layer:	2
Color:	
General Color:	
Mat1:	07
Most Common Material:	QUICKSAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	7.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964901929
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10865342
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930523566
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	18.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	994901929
Pump Set At:	
Static Level:	
Final Level After Pumping:	

Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: Yes

Water Details

Water ID: 933789897
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 17.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10316772
Depth M: 5.4864
Year Completed: 1960
Well Completed Dt: 1960/07/09
Audit No:
Tag No:
Contractor: 1325
Path: 490\4901929.pdf
Latitude: 43.7160754456795
Longitude: -79.8728605277768

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15 ***1 of 1*** ***WSW/109.3*** ***262.9 / 1.00*** ***lot 20 con 4 Caledon ON*** ***WWIS***

Well ID: 7202938
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z163572
Tag: A142124
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 10-Jun-2013 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 7492
Form Version: 7
Owner:
County: PEEL
Lot: 020
Concession: 04
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/720\7202938.pdf

Additional Detail(s) (Map)

Well Completed Date: 2013/05/17
Year Completed: 2013
Depth (m): 6.4008
Latitude: 43.7150758938887

Longitude: -79.8728482314185
Path: 720\7202938.pdf

Bore Hole Information

Bore Hole ID: 1004335248
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 17-May-2013 00:00:00
Remarks:
Loc Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 17
East83: 590800.00
North83: 4840845.00
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1004923970
Layer: 3
Color: 2
General Color: GREY
Mat1: 08
Most Common Material: FINE SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 9.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1004923972
Layer: 5
Color: 2
General Color: GREY
Mat1: 08
Most Common Material: FINE SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1004923969
Layer: 2
Color: 6

General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004923971
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1004923968
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	1.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004923987
Layer:	2
Plug From:	8.0
Plug To:	12.0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004923986
Layer:	1
Plug From:	0.0
Plug To:	8.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1004923985
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1004923966
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004923976
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	-1.5
Depth To:	21.0
Casing Diameter:	36.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1004923977
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	1004923967
Pump Set At:	7.0
Static Level:	2.5
Final Level After Pumping:	6.5
Recommended Pump Depth:	6.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID: 1004923983
Test Type: Recovery
Test Duration: 60
Test Level: 2.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004923980
Test Type: Draw Down
Test Duration: 30
Test Level: 4.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004923981
Test Type: Recovery
Test Duration: 30
Test Level: 4.416999816894531
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004923978
Test Type: Draw Down
Test Duration: 15
Test Level: 3.5829999446868896
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004923979
Test Type: Recovery
Test Duration: 15
Test Level: 5.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1004923982
Test Type: Draw Down
Test Duration: 60
Test Level: 6.5
Test Level UOM: ft

Water Details

Water ID: 1004923974
Layer: 1
Kind Code:
Kind:
Water Found Depth: 6.0
Water Found Depth UOM: ft

Water Details

Water ID: 1004923975
Layer: 2

Kind Code:
Kind:
Water Found Depth: 9.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1004923973
Diameter: 48.0
Depth From: 0.0
Depth To: 12.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID: 1004335248
Depth M: 6.4008
Year Completed: 2013
Well Completed Dt: 2013/05/17
Audit No: Z163572
Tag No: A142124
Contractor: 7492
Path: 720\7202938.pdf
Latitude: 43.7150758938887
Longitude: -79.8728482314185

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16 ***1 of 3*** ***S/116.9*** ***259.9 / -2.00*** ***Essential Contracting Ltd.***
12370 Creditview Rd
Caledon ON L7C 1X9 ***CA***

Certificate #: 7568-7NXKG4
Application Year: 2009
Issue Date: 2/18/2009
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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16 ***2 of 3*** ***S/116.9*** ***259.9 / -2.00*** ***ESSENTIAL DISPOSAL SERVICES INC.***
12370 CREDITVIEW RD
CALEDON ON L7C 1X9 ***EASR***

Approval No: R-004-2562799505
Status: REGISTERED
Date: 2016-01-21
Record Type: EASR
Link Source: MOFA
Project Type: Waste Management System
Full Address:
Approval Type: EASR-Waste Management System
SWP Area Name: Toronto
PDF URL:
PDF Site Location:
MOE District: Halton-Peel
Municipality: CALEDON
Latitude: 43.71138889
Longitude: -79.86694444
Geometry X:
Geometry Y:

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16 ***3 of 3*** ***S/116.9*** ***259.9 / -2.00*** ***Essential Contracting Ltd.***
12370 Creditview Rd
Caledon ON L7E 1E2 ***ECA***

Approval No:	7568-7NXKG4	**MOE District:**	Halton-Peel
Approval Date:	2009-02-18	**City:**	
Status:	Approved	**Longitude:**	-79.86707
Record Type:	ECA	**Latitude:**	43.711517
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Toronto	**Geometry Y:**	
Approval Type:	ECA-WASTE MANAGEMENT SYSTEMS		
Project Type:	WASTE MANAGEMENT SYSTEMS		
Business Name:	Essential Contracting Ltd.		
Address:	12370 Creditview Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2920-7NRMEH-14.pdf		
PDF Site Location:			

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17 | **1 of 1** | **S/118.6** | **259.7 / -2.12** | **12240 CREDITVIEW RD lot 19 con 4 Caledon ON** | **WWIS**

Well ID:	7167282	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	
Final Well Status:	Water Supply	**Date Received:**	17-Aug-2011 00:00:00
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	Z129009	**Contractor:**	3030
Tag:	A113849	**Form Version:**	7
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	PEEL
Elevatn Reliabilty:		**Lot:**	019
Depth to Bedrock:		**Concession:**	04
Well Depth:		**Concession Name:**	HS W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7167282.pdf

Additional Detail(s) (Map)

Well Completed Date:	2011/08/10
Year Completed:	2011
Depth (m):	8.5344
Latitude:	43.7116740425742
Longitude:	-79.8684558052514
Path:	716\7167282.pdf

Bore Hole Information

Bore Hole ID:	1003550389	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	591159.00
Code OB Desc:		**North83:**	4840472.00
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	10-Aug-2011 00:00:00	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 1003937796
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 17.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003937797
Layer: 3
Color: 6
General Color: BROWN
Mat1: 10
Most Common Material: COARSE SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1003937795
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003937811
Layer: 2

Plug From: 9.0
Plug To: 28.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1003937810
Layer: 1
Plug From: 0.0
Plug To: 9.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1003937809
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 1003937793
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1003937800
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From: -2.0
Depth To: 28.0
Casing Diameter: 48.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003937801
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pumping Test Method Desc:
Pump Test ID: 1003937794
Pump Set At: 10.0
Static Level: 9.333000183105469
Final Level After Pumping: 9.5
Recommended Pump Depth: 5.0
Pumping Rate: 5.0

Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003937802
Test Type: Draw Down
Test Duration: 15
Test Level: 9.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003937803
Test Type: Recovery
Test Duration: 15
Test Level: 9.333000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003937805
Test Type: Recovery
Test Duration: 30
Test Level: 9.333000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003937807
Test Type: Recovery
Test Duration: 60
Test Level: 9.333000183105469
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003937804
Test Type: Draw Down
Test Duration: 30
Test Level: 9.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1003937806
Test Type: Draw Down
Test Duration: 60
Test Level: 9.5
Test Level UOM: ft

Water Details

Water ID: 1003937799
Layer: 1
Kind Code:
Kind:
Water Found Depth: 17.0
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003937798
Diameter: 54.0
Depth From: 0.0
Depth To: 26.0
Hole Depth UOM: ft
Hole Diameter UOM: inch

Links

Bore Hole ID: 1003550389
Depth M: 8.5344
Year Completed: 2011
Well Completed Dt: 2011/08/10
Audit No: Z129009
Tag No: A113849
Contractor: 3030
Path: 716\7167282.pdf
Latitude: 43.7116740425742
Longitude: -79.8684558052514

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18 | **1 of 1** | **S/128.7** | **259.9 / -2.00** | **lot 19 con 4 ON** | **WWIS**

Well ID: 4903517
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CHINGUACOUSY)
Site Info:
Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04-Dec-1970 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1307
Form Version: 1
Owner:
County: PEEL
Lot: 019
Concession: 04
Concession Name: HS W
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4903517.pdf

Additional Detail(s) (Map)

Well Completed Date: 1970/11/05
Year Completed: 1970
Depth (m): 7.9248
Latitude: 43.7114024682239
Longitude: -79.8673996267716
Path: 490\4903517.pdf

Bore Hole Information

Bore Hole ID:	10318351	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	17
Code OB:		**East83:**	591244.50
Code OB Desc:		**North83:**	4840443.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	05-Nov-1970 00:00:00	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4

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

Overburden and Bedrock Materials Interval

Formation ID: 932041970
Layer: 3
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 26.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932041968
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932041969
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:

Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 964903517
Method Construction Code: 6
Method Construction: Boring
Other Method Construction:

Pipe Information

Pipe ID: 10866921
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930525847
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 26.0
Casing Diameter: 30.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 994903517
Pump Set At:
Static Level:
Final Level After Pumping: 20.0
Recommended Pump Depth: 22.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 20.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: Yes

Water Details

Water ID: 933791541
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 26.0
Water Found Depth UOM: ft

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

Links

Bore Hole ID:	10318351	***Tag No:***	
Depth M:	7.9248	***Contractor:***	1307
Year Completed:	1970	***Path:***	490\4903517.pdf
Well Completed Dt:	1970/11/05	***Latitude:***	43.7114024682239
Audit No:		***Longitude:***	-79.8673996267716

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19 | ***1 of 1*** | ***W/228.0*** | ***264.9 / 3.00*** | ***12652 Creditview Rd Caledon ON L7C1Y1*** | ***EHS***

Order No:	20130830014	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	11-SEP-13	***Search Radius (km):***	.25
Date Received:	30-AUG-13	***X:***	-79.874972
Previous Site Name:		***Y:***	43.716855
Lot/Building Size:			
Additional Info Ordered:			

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20 | ***1 of 1*** | ***SSE/232.6*** | ***259.8 / -2.05*** | ***lot 19 con 4 ON*** | ***WWIS***

Well ID:	4901926	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	0	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	29-Jul-1960 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	1325
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	019
Depth to Bedrock:		***Concession:***	04
Well Depth:		***Concession Name:***	HS W
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CALEDON TOWN (CHINGUACOUSY)		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/490\4901926.pdf

Additional Detail(s) (Map)

Well Completed Date:	1960/05/21
Year Completed:	1960
Depth (m):	9.144
Latitude:	43.7109627495308
Longitude:	-79.8657322018645
Path:	490\4901926.pdf

Bore Hole Information

Bore Hole ID:	10316769	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	17
Code OB:		***East83:***	591379.50
Code OB Desc:		***North83:***	4840396.00

Open Hole:
Org CS:
Cluster Kind:
UTMRC: 5
Date Completed: 21-May-1960 00:00:00
UTMRC Desc: margin of error : 100 m - 300 m
Remarks:
Location Method: p5
Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932036118
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932036119
Layer: 2
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 7.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932036120
Layer: 3
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 7.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	932036121
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964901926
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	10865339
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930523563
Layer:	1
Material:	3
Open Hole or Material:	CONCRETE
Depth From:	
Depth To:	30.0
Casing Diameter:	30.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	994901926
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	

Flowing: No

Water Details

Water ID: 933789894
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 24.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10316769
Depth M: 9.144
Year Completed: 1960
Well Completed Dt: 1960/05/21
Audit No:
Tag No:
Contractor: 1325
Path: 490\4901926.pdf
Latitude: 43.7109627495308
Longitude: -79.8657322018645

Unplottable Summary

Total: 9 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 21 Con 3W	Caledon ON	
AAGR		Lot 19 Con 4	Caledon ON	
CA	LYONSVIEW HOLDINGS LIMITED	RES.SUB/ST.A/CREDITVIEW RD.	CALEDON TOWN ON	
CA	LYONSVIEW HOLDINGS LIMITED	RES.SUB/ST.A/CREDITVIEW RD.	CALEDON TOWN ON	
PTTW	Forgehill Equities Inc.	Lots 17, 18, 19, and 20, Concession 3 WHS, Town of Caledon, Region of Peel. Caledon	ON	
PTTW	Forgehill Equities Inc.	Lots 18, 19 & 20, Concession 3WHS Caledon	ON	
SPL	PRIVATE OWNER	LOT 21, CONC.4 WEST CALEDON TRANSFORMER	CALEDON TOWN ON	
SPL	ONTARIO HYDRO	LOT 20, CONC 4 MOTOR VEHICLE (OPERATING FLUID)	CALEDON TOWN ON	
WWIS		con 3	ON	

Unplottable Report

Site:
Lot 21 Con 3W Caledon ON

Database: ***AAGR***

Type:	Pit
Region/County:	Peel
Township:	Caledon
Concession:	3W
Lot:	21
Size (ha):	2
Landuse:	
Comments:	

Site:
Lot 19 Con 4 Caledon ON

Database: ***AAGR***

Type:	Pit
Region/County:	Peel
Township:	Caledon
Concession:	4
Lot:	19
Size (ha):	0.2
Landuse:	
Comments:	Oak Ridges Moraine

Site: ***LYONSVIEW HOLDINGS LIMITED***
RES.SUB/ST.A/CREDITVIEW RD. CALEDON TOWN ON

Database: ***CA***

Certificate #:	7-0568-99-
Application Year:	99
Issue Date:	7/22/1999
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***LYONSVIEW HOLDINGS LIMITED***
RES.SUB/ST.A/CREDITVIEW RD. CALEDON TOWN ON

Database: ***CA***

Certificate #:	3-0827-99-
Application Year:	99
Issue Date:	7/22/1999
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	

Contaminants:
Emission Control:

Site: ***Forgehill Equities Inc.***
Lots 17, 18, 19, and 20, Concession 3 WHS, Town of Caledon, Region of Peel. Caledon ON

Database: ***PTTW***

EBR Registry No:	IA05E1611	***Decision Posted:***	
Ministry Ref No:	3816-6BKN7J	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	April 18, 2006	***Act 2:***	
Proposal Date:	October 17, 2005	***Site Location Map:***	
Year:	2005		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Forgehill Equities Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	Osprey Valley Golf Course, 125 Traders Blvd., East , 1, Mississauga Ontario, L4Z 2E5		
Comment Period:			
URL:			

Site Location Details:

Lots 17, 18, 19, and 20, Concession 3 WHS, Town of Caledon, Region of Peel. Caledon

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Site: ***Forgehill Equities Inc.***
Lots 18, 19 & 20, Concession 3WHS Caledon ON

Database: ***PTTW***

EBR Registry No:	IA01E0396	***Decision Posted:***	
Ministry Ref No:	01-P-3019	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	April 23, 2003	***Act 2:***	
Proposal Date:	March 22, 2001	***Site Location Map:***	
Year:	2001		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Forgehill Equities Inc.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	Osprey Valley Golf Course, 125 Traders Blvd., East , 1, Mississauga Ontario, L4Z 2E5		
Comment Period:			
URL:			

Site Location Details:

Lots 18, 19 & 20, Concession 3WHS Caledon

Site: ***PRIVATE OWNER***
LOT 21, CONC.4 WEST CALEDON TRANSFORMER CALEDON TOWN ON

Database: ***SPL***

Ref No:	43184	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	11/5/1990	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER LEAK	***Sector Type:***	
Incident Event:		***Agency Involved:***	

Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	21401
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	ONTARIO HYDRO
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	11/7/1990	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ICE/FROST DAMAGE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	LOT 21, CONC.4 TRANSFOR-MER LEAKED 23 L TRANSFOR-MER OIL TO SOIL.		
Contaminant Qty:			

Site: ***ONTARIO HYDRO***
LOT 20, CONC 4 MOTOR VEHICLE (OPERATING FLUID) CALEDON TOWN ON

Database: ***SPL***

Ref No:	128138	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	6/20/1996	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	CONTAINER OVERFLOW	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	POSSIBLE	***Site Municipality:***	21401
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	6/20/1996	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	ERROR	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	ONTARIO HYDRO:8L DIESEL SPILLED TO GRAVEL. CLEANED UP.		
Contaminant Qty:			

Site:
con 3 ON

Database: ***WWIS***

Well ID:	4909341	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:		***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Observation Wells	***Date Received:***	29-Mar-2004 00:00:00
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	54278	***Contractor:***	1129
Tag:		***Form Version:***	2
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	PEEL
Elevatn Reliabilty:		***Lot:***	
Depth to Bedrock:		***Concession:***	03
Well Depth:		***Concession Name:***	

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CALEDON TOWN (CALEDON EAST)
Site Info:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11099343
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 28-Nov-2002 00:00:00
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Elevation:
Elevrc:
Zone: 17
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 932948626
Layer: 5
Color: 2
General Color: GREY
Mat1: 06
Most Common Material: SILT
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 29.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948624
Layer: 3
Color: 6
General Color: BROWN
Mat1: 06
Most Common Material: SILT
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 20.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948622
Layer: 1

Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 1.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948625
Layer: 4
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 20.0
Formation End Depth: 29.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932948623
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 1.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246762
Layer: 3
Plug From: 65.0
Plug To: 67.0
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933246761
Layer: 2
Plug From: 2.0
Plug To: 53.0
Plug Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933246760
Layer:	1
Plug From:	0.0
Plug To:	2.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	964909341
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	11103058
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930834957
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	55.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933407293
Layer:	1
Slot:	010
Screen Top Depth:	55.0
Screen End Depth:	65.0
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2.0

Water Details

Water ID:	934044609
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	12.0
Water Found Depth UOM:	ft

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 Nov 2021

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-Mar 2022

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-May 31, 2022

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2020

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-May 31, 2022

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Sep 2022

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-Jun 2022

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Sep 30, 2022

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 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

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

Government Publication Date: Feb 28, 2022

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- Aug 31, 2022

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 - Sep 30, 2022

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- Aug 31, 2022

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-Jul 31, 2022

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment 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, 2021

List of Expired Fuels Safety Facilities: Provincial EXP

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

Government Publication Date: Feb 28, 2022

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2022

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Feb 28, 2022

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-Apr 30, 2022

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 2019

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 21, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2022

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, 2020

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal 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 OGWE

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

Government Publication Date: 1988-Aug 31, 2022

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Sep 30, 2022

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011- Aug 31, 2022

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Sep 30, 2022

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2022

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-May 31, 2022

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database: Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011- Aug 31, 2022

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: Jun 30 2022

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.

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property: *12455 Creditview Road, Caledon, Ontario*
Report Type: *City Directory*
Order No: *22102600108*
Information Source: *Polk's Halton Peel Region Ontario Criss Cross Directory*
Date Completed: *Nov 3, 2022*

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

City Directory Information Source
Polk's Halton Peel Region Ontario Criss Cross Directory

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 2001	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
Creditview Road (12205-12645)	-All Residential 12577-Brampton Brake & Wheel
Chinguacousy Road (12306-12602 even)	-All Residential 12472-Blue Haven Farm

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1996	
Site Listing:	-Residential (1 Tenant)

Adjacent Properties:	
Creditview Road (12205-12645)	-All Residential
Chinguacousy Road (12306-12602 even)	-All Residential

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1990	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Creditview Road (12205-12645)	-No Listings Within Radius
Chinguacousy Road (12306-12602 even)	-No Listings Within Radius

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario

Year: 1985	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Creditview Road (12205-12645)	-No Listings Within Radius
Chinguacousy Road (12306-12602 even)	-Street Not Listed

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1979	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Creditview Road (12205-12645)	-Street Not Listed
Chinguacousy Road (12306-12602 even)	-Street Not Listed

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1975	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Creditview Road (12205-12645)	-Street Not Listed
Chinguacousy Road (12306-12602 even)	-Street Not Listed

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1970/71	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Creditview Road (12205-12645)	-Street Not Listed

Chinguacousy Road (12306-12602 even)	-Street Not Listed

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1966	
Site Listing:	-Street Not Listed
Adjacent Properties:	
Creditview Road (12205-12645)	-Street Not Listed
Chinguacousy Road (12306-12602 even)	-Street Not Listed

PROJECT NUMBER: 22102600108	
Site Address:	12455 Creditview Road, Caledon, Ontario
Year: 1960	
Site Listing:	-Street Not Listed

Adjacent Properties:	
Creditview Road (12205-12645)	-Street Not Listed
Chinguacousy Road (12306-12602 even)	-Street Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

Appendix C

Norina Paolucci

From: Public Information Services <publicinformationservices@tssa.org>
Sent: October 17, 2022 2:43 PM
To: Norina Paolucci
Subject: RE: Search of the neighbouring properties

Please refrain from sending documents to head office. The Public Information (PI) team works remotely, mailing in applications will lengthen the overall processing time.

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please submit an application for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site.
Please follow the steps below to access the new application(s) and Service Prepayment Portal:

1. Click Release of Public Information - TSSA and click "need a copy of a document";
2. Select the appropriate application, download it and complete it in full; and
3. Proceed to page 3 of the application and click the link TSSA Service Prepayment Portal under payment options (the link will take you the secure site to pay for the release via credit card).

Accessing the Service Prepayment Portal:

1. Select new or existing customer (*if you are an existing customer, you will need your account # & postal code to access your account);
2. Select the program area: AD (Amusement Devices), BPV (Boilers and Pressure Vessels), ED (Elevating Devices), FS (Fuels Services), OE (Operating Engineers) or SKI (Ski Lifts) and click continue;
3. Enter the application form number (obtained from bottom left corner of application form) and click continue;
    a. When selecting the application form number from the drop-down menu, please make sure you select the application that begins with "PI" (i.e. PI-FS, PI-BPV etc.);
4. Complete the primary contact information section;
5. Complete the fees section;
6. Upload your completed application; and
7. Upload supporting documents (if required) and click continue.

Once all steps have been successfully completed, you will receive your receipt via email.
Questions? Please contact TSSA's Public Information Release team at publicinformationservices@tssa.org.
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.

Kind Regards,
Kim

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Norina Paolucci <norina.paolucci@dsconsultants.ca>
Sent: October 17, 2022 10:08 AM
To: Public Information Services <publicinformationservices@tssa.org>
Cc: 'Omar Jaffer' <omar.jaffer@dsconsultants.ca>
Subject: Search of the neighbouring properties

Hi TSSA,

Can you please search the following addresses?

12455 Creditview Road, Caledon, ON L7C 1Y6

12205 Creditview Rd, Caledon, ON L7C 1X9

12572 Creditview Rd, Caledon, ON L7C 1Y1

12598 Creditview Rd, Caledon, ON L7C 1Y1

12611 Creditview Rd, Caledon, ON L7C 3G2

12606 Creditview Rd, Caledon, ON L7C 1Y1

Thank you,

Norina Paolucci, BES.,EPt
Environmental Specialist
DS Consultants Ltd.
6221 Highway 7, Unit 16, Vaughan, ON, L4H 0K8
Tel: (905) 264-9393
Cell: (647) 271-9420
www.dsconsultants.ca

Ontario

Ministry of Public and Business Service Delivery

Access or Correction Request

Freedom of Information and Protection of Privacy Act

Personal information contained on this form is collected under the *Freedom of Information and Protection of Privacy Act* and will be used to answer your request.

Questions about this collection should be directed to the Freedom of Information and Privacy Coordinator at the institution where you make the request.

Many records of public institutions are available to you without making a request under the *Freedom of Information and Protection of Privacy Act*. Contact the Freedom of Information and Privacy (FOIP) Coordinator at the institution that holds the records to determine whether you need to make a formal request.

Section A - Type of Request

Fields marked with an asterisk (*) are mandatory.

Check the box that indicates what you are requesting. (Records that do not contain personal information are general records.)

The FOIP Coordinator will contact you to verify your identity before giving you access to your own personal information or to secure proof that you have authority to act for another person if making a request for another person's personal information records (e.g., power of attorney, guardian or trusteeship order).

Type of Request *

- [x] Access to general records (non-personal information)
- [x] Access to own personal information
- [x] Access to other's personal information by authorized party
- [x] Correction of own personal information

Name of institution request made to *

Ministry of the Environment, Conservation and Parks

Freedom of Information and Privacy Coordinator Contact

Email Address: foi.mecp@ontario.ca

Telephone Number: 416-314-4075

Section B - Requester's Information

Fields marked with an asterisk (*) are mandatory.

Please ensure you have entered your name, mailing address, telephone and email address accurately.

Last Name *: Paolucci

First Name *: Norina

Mailing Address

☑ Canada ☐ U.S.A. ☐ International

Unit Number: 16

Street Number: 6221

Street Name: Highway 7

PO Box:

City/Town *: Vaughan

Province *: ON

Postal Code *: L4H 0K8

Telephone Number

Home:

Mobile: 647-271-9420

Business: ext.

Email Address *: norina.paolucci@dsconsultants.ca

Section C - Description of Records or Correction Requested

Fields marked with an asterisk (*) are mandatory.

Provide as much detail as possible about the requested general records, own personal information, other's personal information or correction of own personal information.

If you are requesting access to personal information, provide the name that appears on the records.

If you are requesting a correction of your own personal information, describe the personal information to be corrected. The Ministry of Environment, Conservation and Parks will contact you with next steps in the process.

Description of Records or Correction Requested *

The description of records or correction that you entered for this FOI eRequest has been removed for the purposes of this email to protect the security of any personal information that may have been included.

The institution that you selected has received the complete copy of the FOI eRequest inclusive of contents you entered in this field.

Time Period of the Records *

Specify the time period for the records as precisely as possible, e.g., from 2008/07/21 to 2009/11/30.

From (yyyy/mm/dd)	To (yyyy/mm/dd)
1950/01/01	2022/10/17

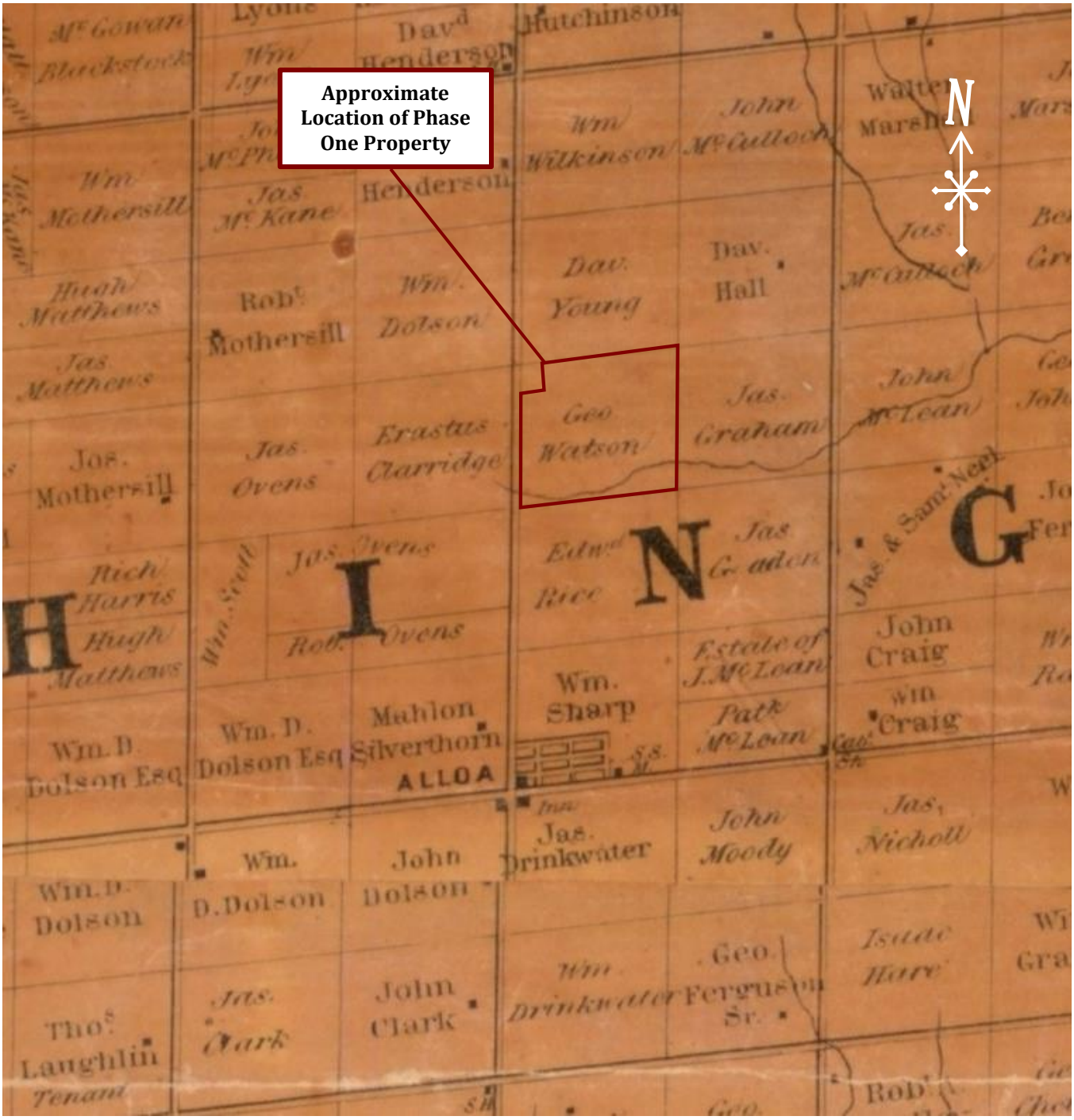
Method of Access *

Check a box to indicate whether you want to examine original documents (which may only be done on site) or receive copies.

- [x] Receive copy
- [ ] Examine original (on site only)

Payment confirmation number: 24545879

Appendix D

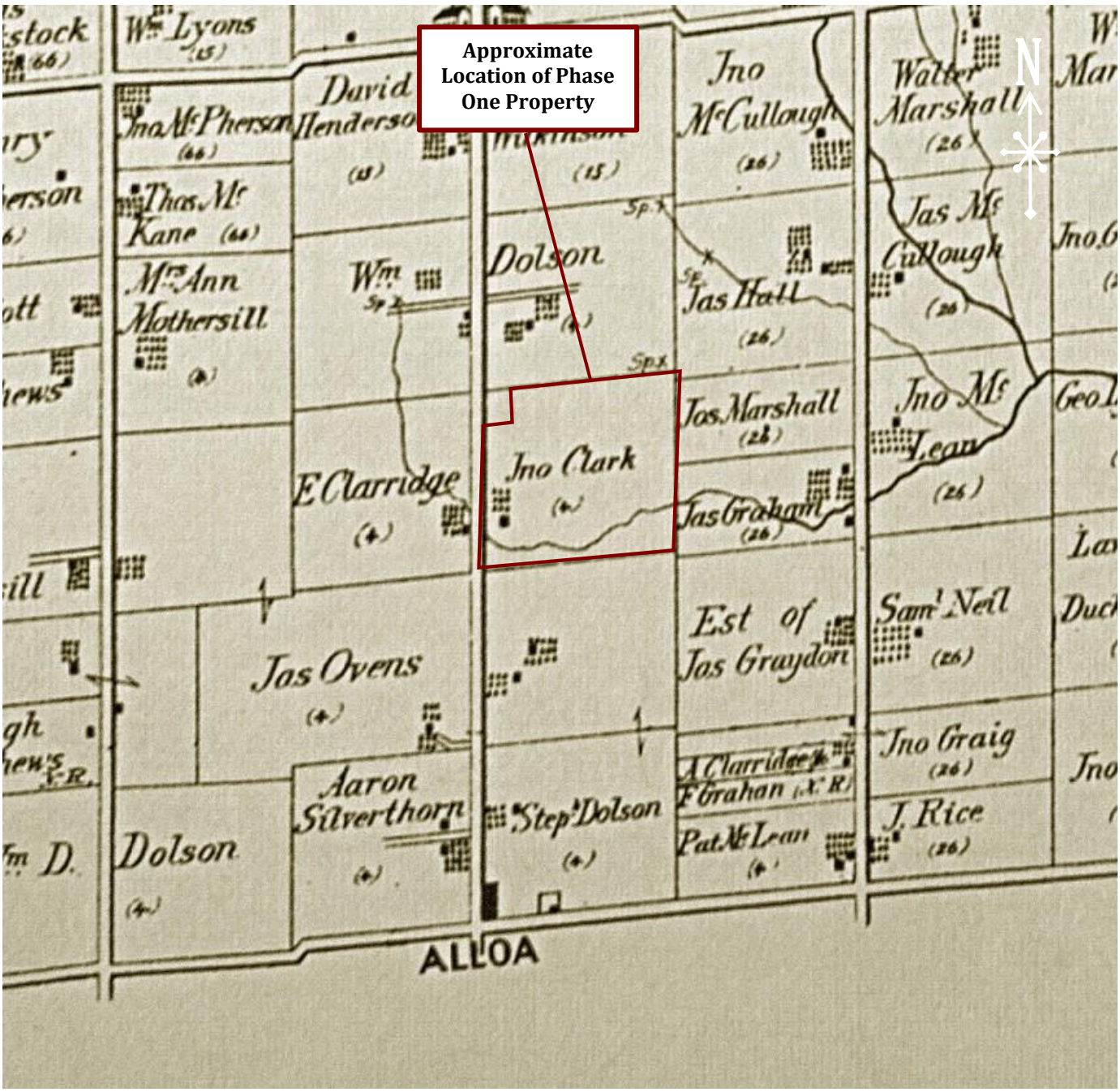


©University of Toronto Maps

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

PEEL COUNTY ATLAS: 1860

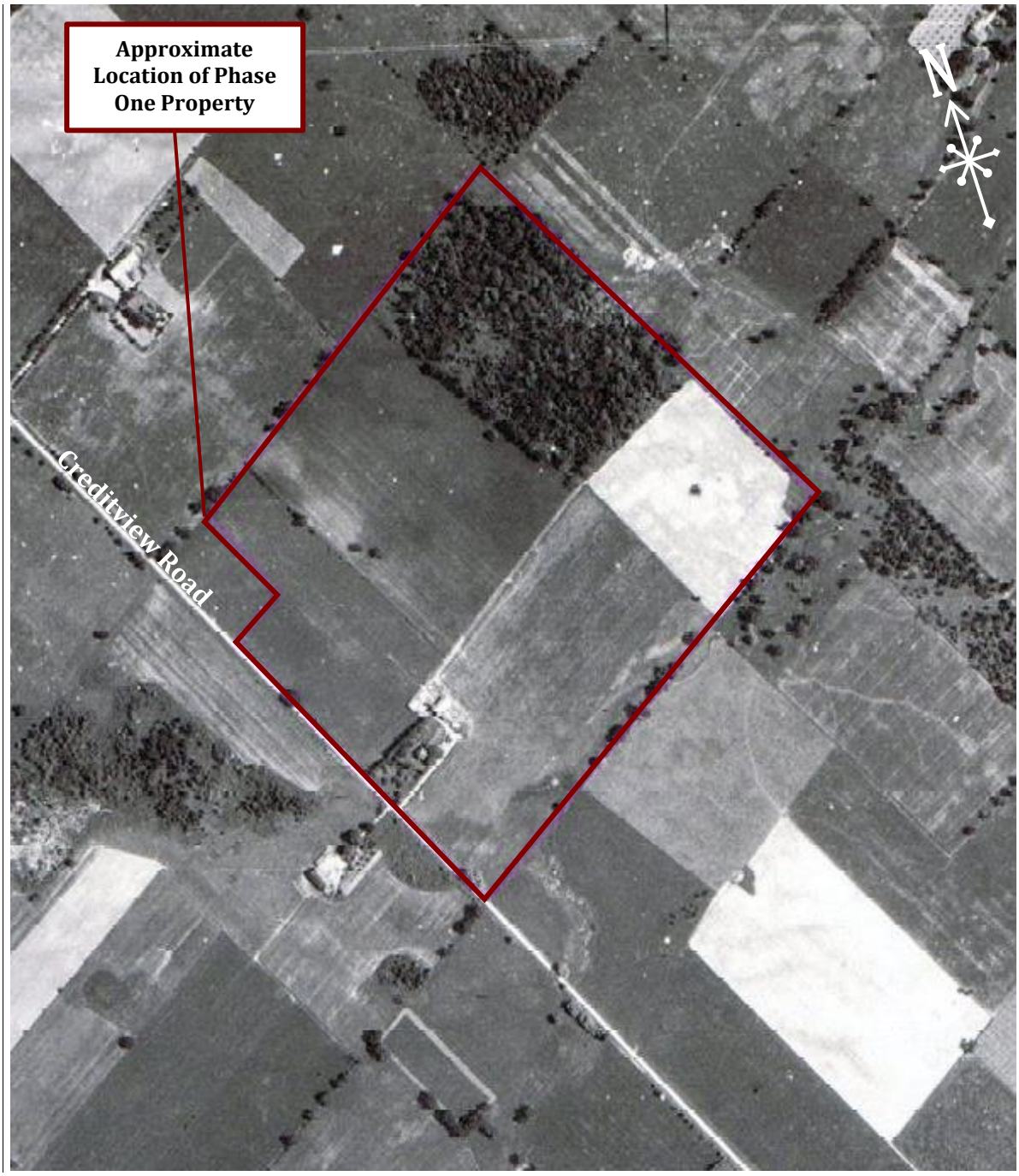
Scale: NTS	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**	Prepared By: OJ
Date: Nov-22	**12455 Creditview Road, Caledon Ontario**	Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-1**



PEEL COUNTY ATLAS: 1880

Scale: NTS	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-2**

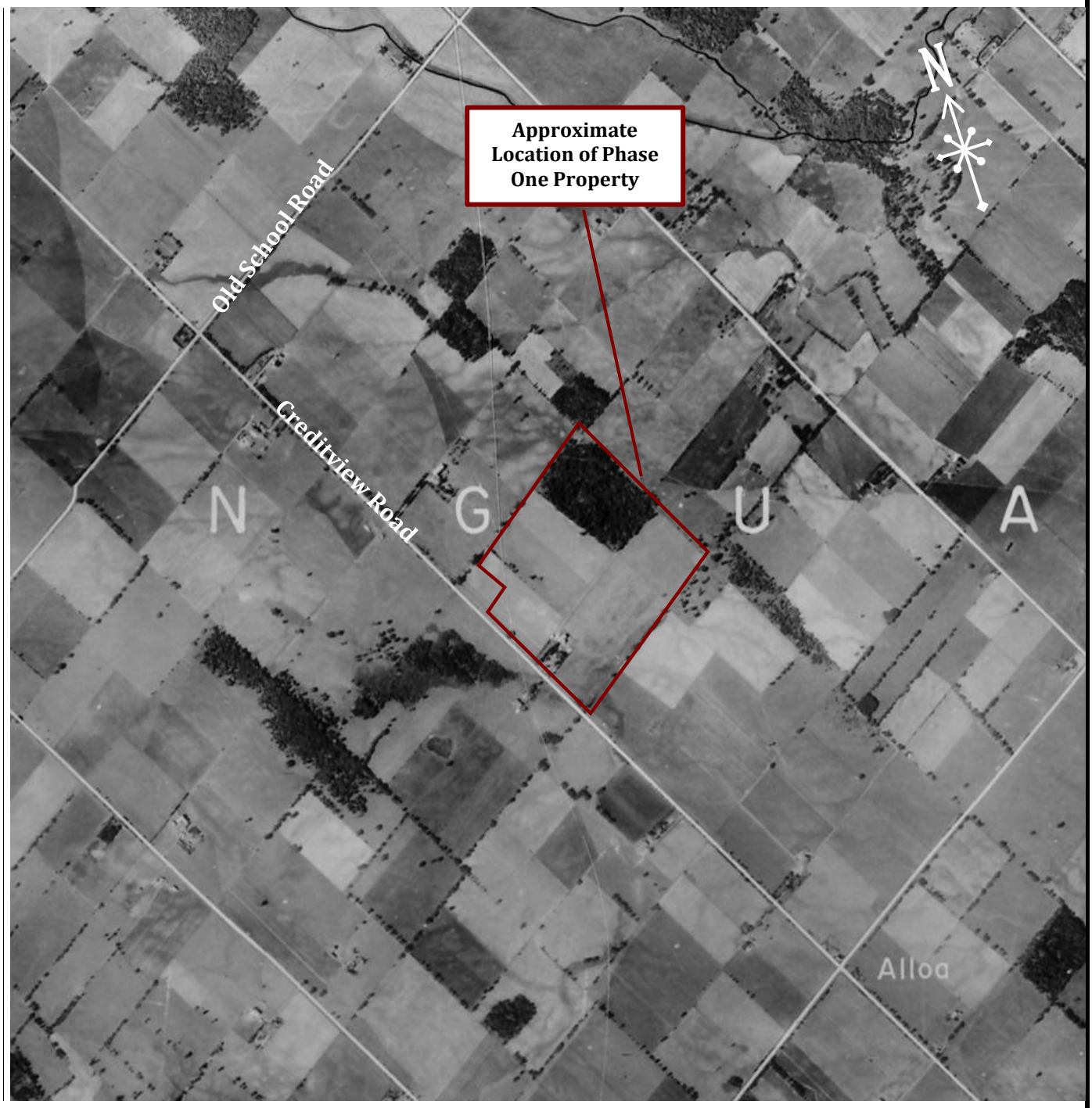
6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685



AERIAL PHOTOGRAPH: 1946

Scale: ~1:10,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-3**

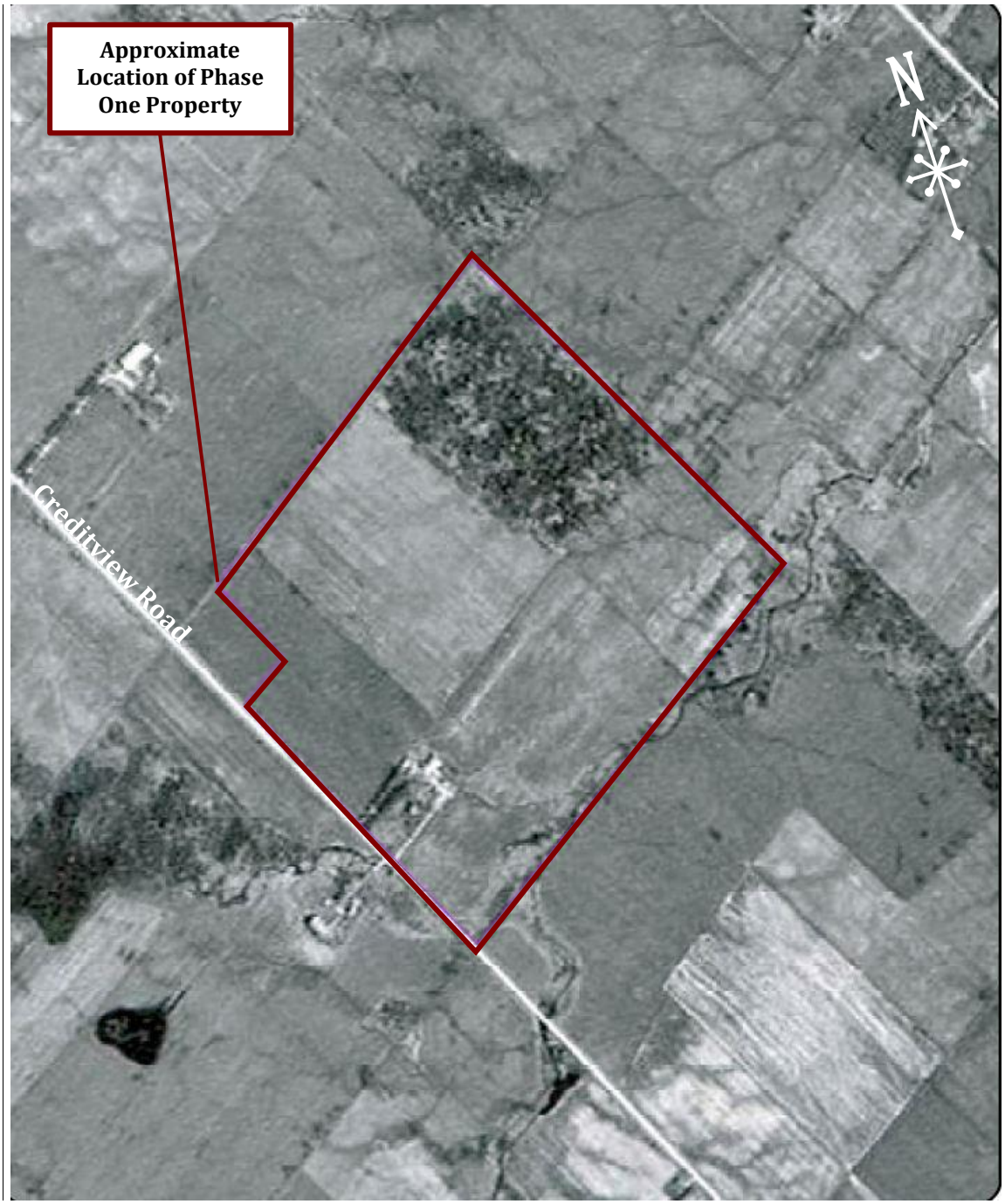
6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685



AERIAL PHOTOGRAPH: 1954

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

Scale: ~1:12,500	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-4**



6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685

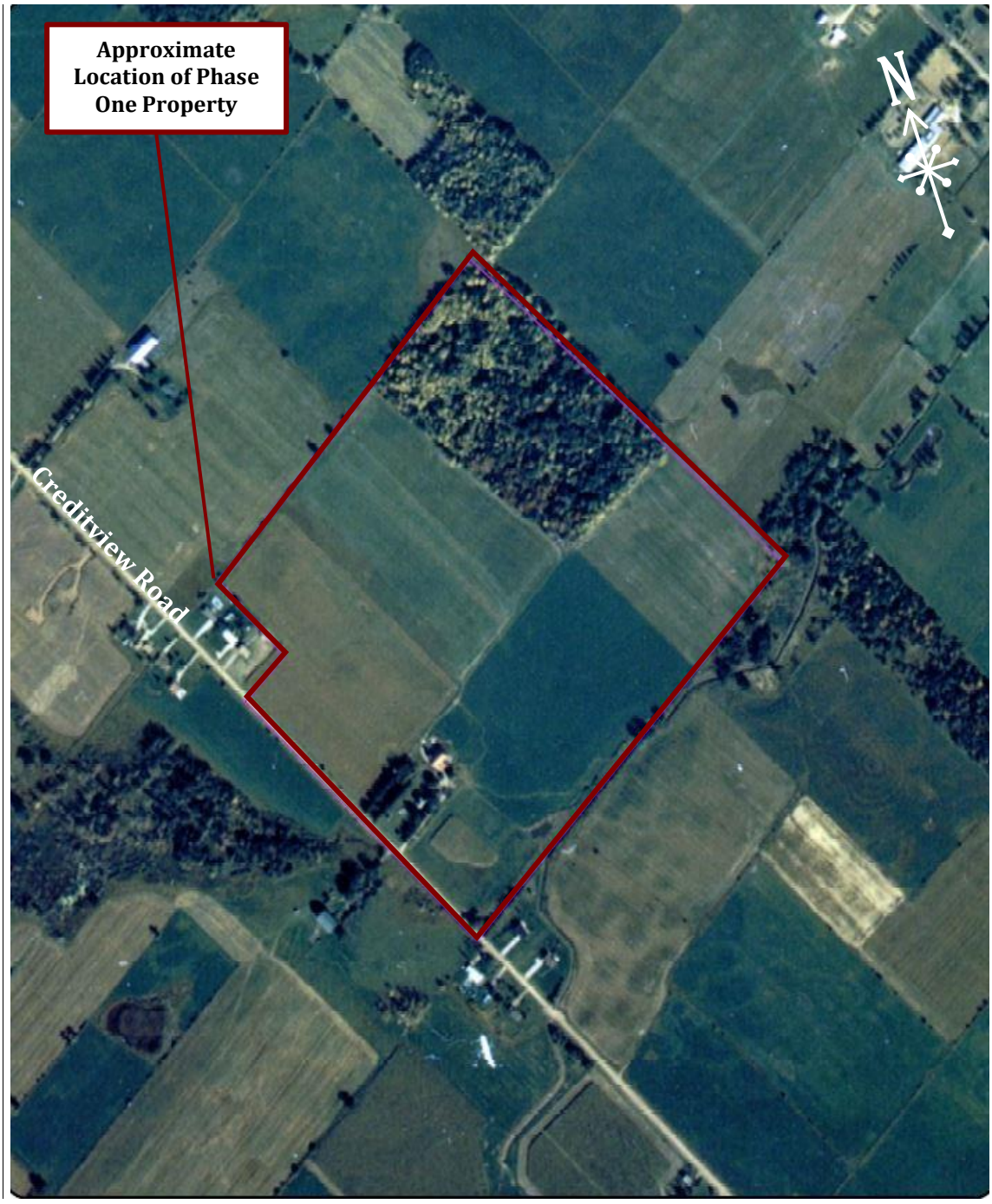
AERIAL PHOTOGRAPH: 1960

Scale: ~1:10,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-5**

AERIAL PHOTOGRAPH: 1974

Scale: ~1:10,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-6**

6221 Highway 7
Vaughan, ON L4H 0K8
T: 905-264-9393 F: 905-264-2685



6221 Highway 7
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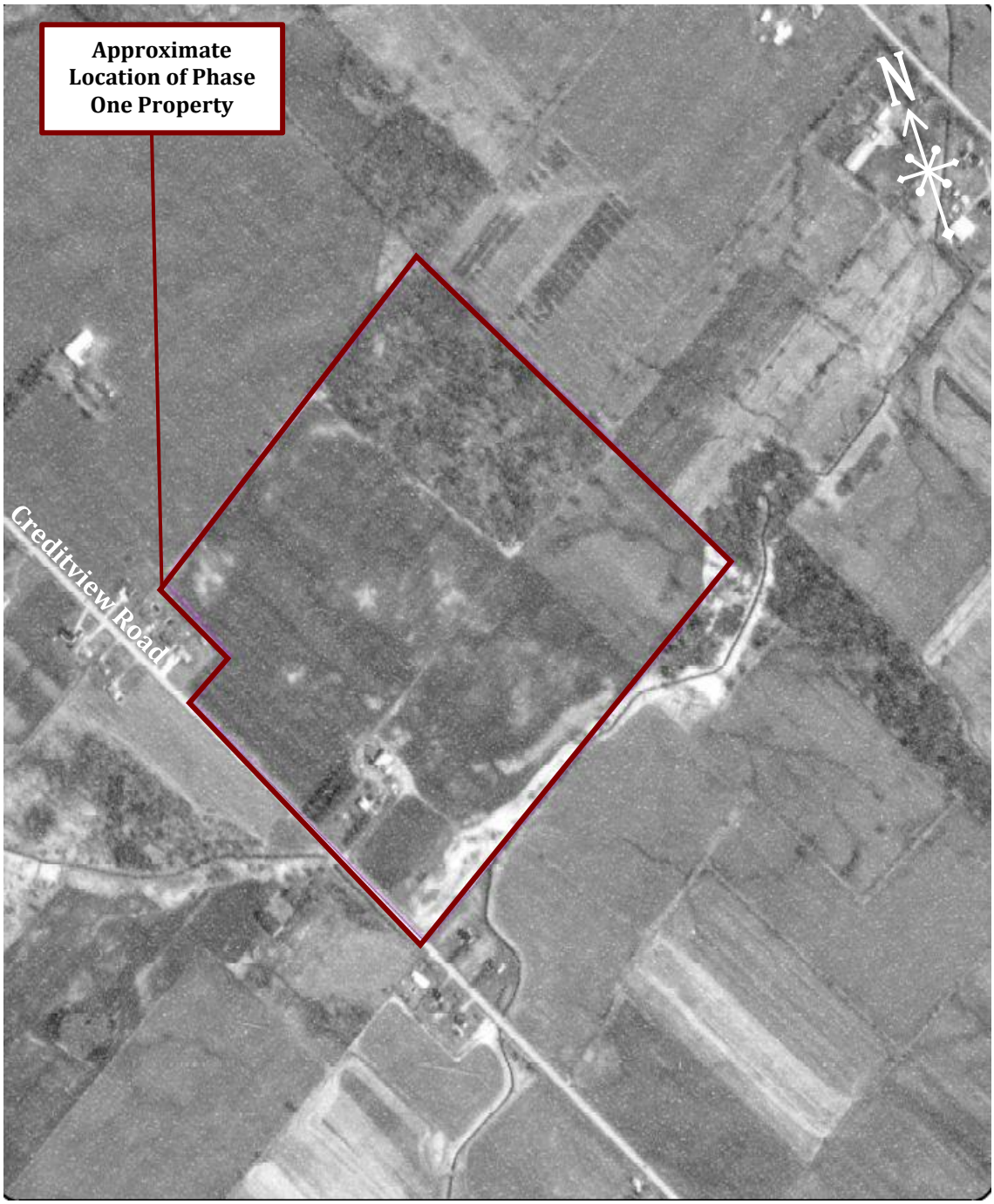
AERIAL PHOTOGRAPH: 1985

Scale: ~1:10,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-7**



AERIAL PHOTOGRAPH: 1990

Scale: ~1:10,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-8**

6221 Highway 7
Vaughan, ON L4H 0K8
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AERIAL PHOTOGRAPH: 2001

6221 Highway 7
Vaughan, ON L4H 0K8
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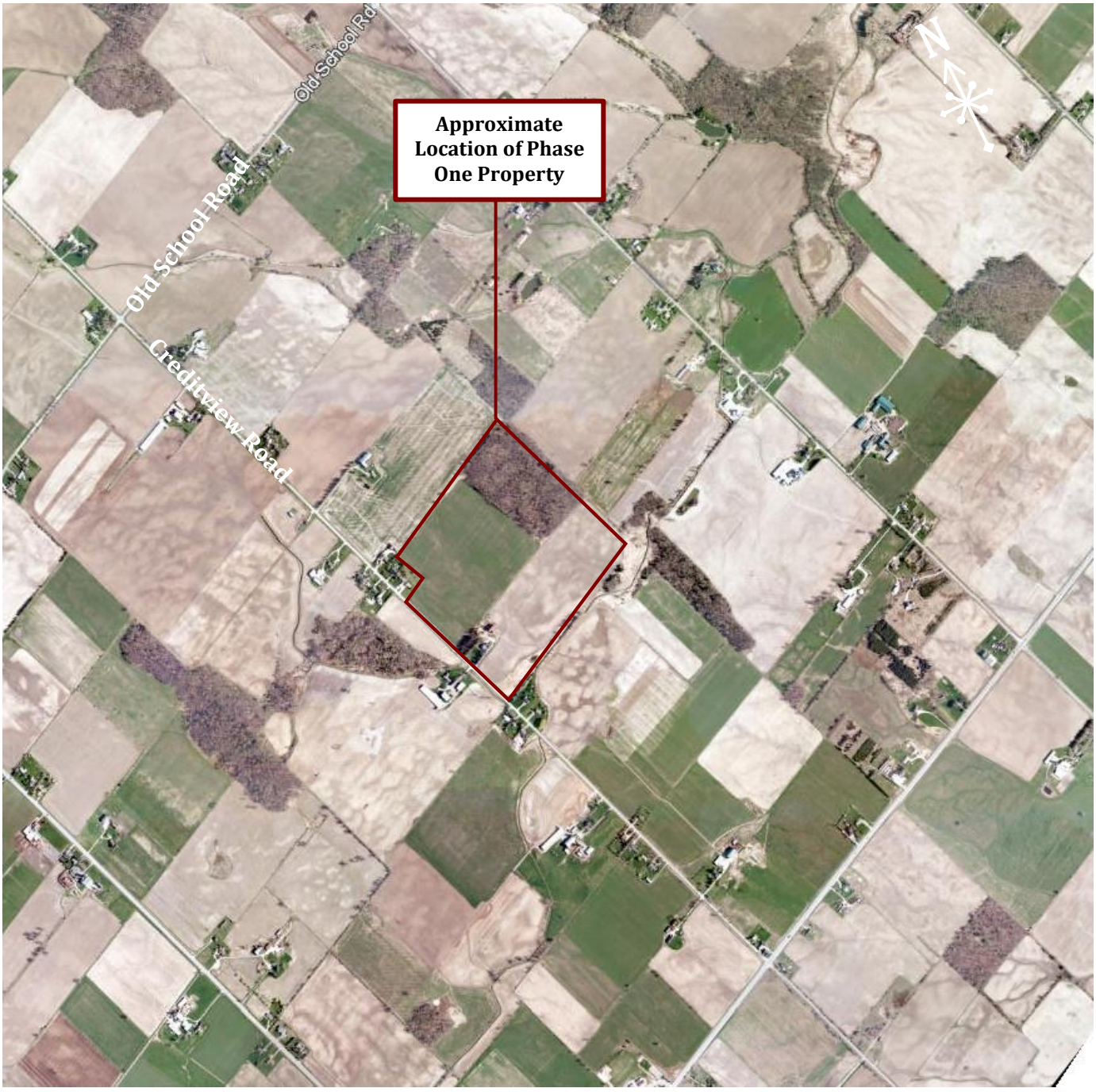
Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-9**



6221 Highway 7
Vaughan, ON L4H 0K8
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AERIAL PHOTOGRAPH: 2007

Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-10**

6221 Highway 7
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AERIAL PHOTOGRAPH: 2014

Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-11**

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AERIAL PHOTOGRAPH: 2015

Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-12**

AERIAL PHOTOGRAPH: 2018

Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-13**

6221 Highway 7
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6221 Highway 7
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AERIAL PHOTOGRAPH: 2019

Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-14**

6221 Highway 7
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AERIAL PHOTOGRAPH: 2021

Scale: ~1:16,000	**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT** **12455 Creditview Road, Caledon Ontario**	Prepared By: OJ
Date: Nov-22		Reviewed By: EK
Project: 22-390-100	Prepared For: Argo Alloa (BT) Corporation	Drawing No. **D-15**

Appendix E

Picture 1: View of the Phase One Property (12455 Creditview road), facing northeast.

Picture 2: View of the Old Heritage home and the extended garage on the Phase One Property 12455 Creditview road), facing northeast.

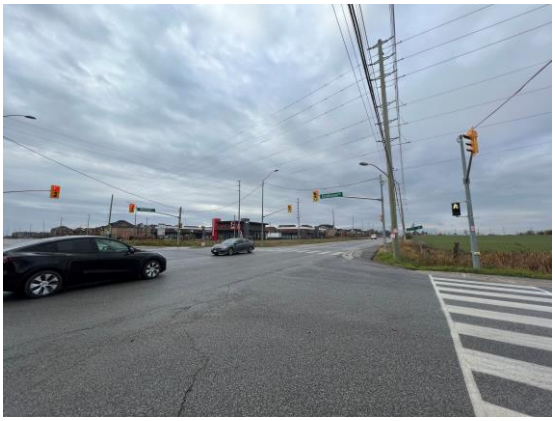
Picture 3: View of the telephone pedestal on the southeast side of the Site, facing east.

Picture 4: View of the culvert opening up in to the stream/creek on the southeast of the Site facing east.

Picture 5: View of the culvert on the west adjacent property connecting it to the east side under the bridge for the tributary, facing northwest.

Picture 6: View of south adjacent property to the Phase One Property (12455 Creditview road), facing southeast.

Picture 7: View southwest neighbouring property, facing southwest.



Picture 8: View of the intersection at Creditview Rd and Mayfied Rd, west.

Picture 9: View of church at the intersection of Mayfield Rd and Creditview Rd, facing northeast.

Picture 10: View of the Phase One Property (12455 Creditview road) and the wooded area, facing east

Picture 11: View of the north adjacent property of the Phase One Property (12455 Creditview road) and the overhead electrical cables, facing northeast.

Picture 12: View of the intersection at Creditview Road and Old School Road, facing north.

Picture 13: View of the intersection at Creditview Road and Old School Road, facing west.

Picture 14: View of the Phase One Property (12455 Creditview road) and the wooded area, facing east, facing east.

Picture 15: View of the driveway entrance to the Phase One Property (12455 Creditview Road), facing west.

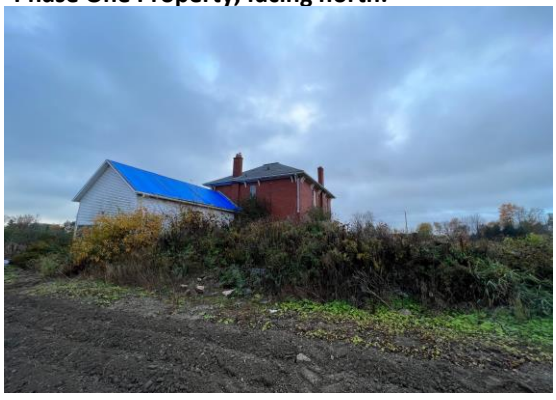
Picture 16: View of the driveway leading to the extended shed, facing east.

Picture 17: View of the old heritage home situated on the central east portion of Phase One Property (12455 Creditview Road), facing northeast.

Picture 18: View to the Old Heritage home with a plaque that states it was built in 1897 on the Phase One Property, facing east.

Picture 19: View of the old heritage home and the extended garage situated on the central east portion of Phase One Property, facing north.

Picture 20: View of garage on the Phase One Property (12455 Creditview Road), facing northwest.



Picture 21 View of the old heritage home and the extended garage situated on the central east portion of Phase One Property, facing southwest.

Picture 22: View of the old heritage situated on the central east portion of Phase One Property, facing south.

Picture 23: View of entrance to the Old Heritage home, facing east.

Picture 24: View of the broken trees and grass surrounding the Old Heritage Home, facing northeast.

Picture 25: View of the garage door entrance, facing north.

Picture 26: View of the inside of the garage, facing north.

Picture 27: View of the old abandoned lawnmower inside the garage and a doorway leading to basement, facing west.

Picture 28: View of the Furnace in the basement of the Old Heritage Home, facing northeast.

Picture 29: View of the disconnected electrical panel in the basement of the Old Heritage Home, facing northeast.

Picture 30: View of the manufacturing information of the furnace located in the basement of Old Heritage home, facing northeast.

Picture 31: View of broken sump pump right next to the disconnected electrical panel in the basement of the Old Heritage home, facing northeast.

Picture 32: View of the Kitchen area on the ground level of the Old heritage Home, facing southwest.

Picture 33: View of dining area of the Old Hertitage home, facing southeast

Picture 34: View of the staircase alley on the second level of the Old Heritage home, facing west

Picture 35: View of the entrance to the bedroom on second level, facing northeast.

Picture 36: View of the staircase leading main floor from the upper level of the Old Heritage home, facing west

Picture 38: View of room on the second level, facing southeast.

Picture 39: View of room on the second level, facing west

Picture 40: View of the living room area and fireplace on the ground level of the Old Heritage home, facing northeast.

Picture 41: View of the room on the ground level of the Old Heritage home, facing north.

Picture 41: View of the dining area connecting to the extended garage of the Old Heritage home, facing southwest.

Picture 42: View of the entrance to Old heritage home from the Garage extension, facing southwest.

Picture 43: View of the farm area of Phase One Property (12455 Creditview Road), facing northwest.

Picture 44: View of the farm area of Phase One Property (12455 Creditview Road), facing south.

Picture 45 View of wooded area on the northeast of side of Phase One Property (12455 Creditview Road), facing northwest.

Picture 46: View of the tributary on the south side of the Phase One Property draining in Etobicoke creek, facing south.

Picture 47: View of the farm area of Phase One Property (12455 Creditview Road), facing northeast.

Picture 48: View of the farm area on Phase One Property (12455 Creditview Road), facing east.