

Phase I Environmental Site Assessment

Rinaldi Property
Part of Lot 21, Concession 9
Halton Hills, Ontario

Prepared For:

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1.0 Executive Summary

DS Consultants Ltd. (DS) was retained by Urbantech Consulting (the “Client”) to conduct a Phase I Environmental Site Assessment (ESA) of the Property known as the “Rinaldi Property”, which is part of Lot 21, Concession 9 in the Town of Halton Hills, Ontario (herein referred to as the “Site”. DS understands that the purpose of this Phase I ESA was to assess potential issues of environmental concern for due diligence purposes in association with the proposed acquisition of the Site.

This Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) document entitled “*Phase I Environmental Site Assessment, CSA Standard Z768-01*” dated November 2001 (reaffirmed 2016), including a review of readily-available historical records and regulatory records, a Site reconnaissance, interviews, and an evaluation of the information obtained, summarized herein. The Phase I ESA is subject to the limitations stated in Section 8.2 of this report.

The Phase I Property is an 8.60-hectare (45.96 acres) parcel of land situated within a mixed residential and rural area in Halton Hills, Ontario. The Phase I Property is located approximately 190 m north of the intersection of Confederation Rd and Wildwood Street and was vacant and undeveloped at the time of this investigation. Based on the records reviewed, the Site appears to have been used for agricultural purposes since the 1800s. A barn was observed in the 1946 aerial photograph on the eastern portion of the Site. This structure appears to have been demolished prior to the 1970s.

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

- ◆ The topography of the Phase I Property is generally sloped to the southeast with a surface elevation of approximately 275 metres above sea level (masl) in the northwest portion of the Property to 240 masl in the southeast portion. Based on the local topography, the shallow groundwater flow direction is inferred to be southeast towards Credit River, which is located approximately 70 metres east of the Phase I Property. A tributary of the Credit River crosses southeasterly through the central portion of the Site and drains into the Credit River. Long term groundwater monitoring would be required in order to confirm the direction of groundwater flow on the Phase I Property;
- ◆ The Site is situated within a spillways physiographic region. The surficial geology across the Site is variable. The northeast section of the Site consists of glaciofluvial deposits. Modern alluvial deposits consisting of clay, silt, sand, and gravel are found west and south of the glaciofluvial deposits. The central and southwestern section of the Site contains ice-contact stratified deposits consisting of sand and gravel, minor silt, clay and till. The surficial geology in the northwest section of the Site is described as clay to silt-textured till. The underlying bedrock within the area generally consists of shale, siltstone, minor limestone and sandstone, of the Queenston Formation. Based on a review of water well records, the bedrock in the Phase One Study Area is anticipated to be

encountered at an approximate depth of 21 metres below ground surface (mbgs) based on the MECP well records.

- ◆ Indications of fill material was observed in the aerial photographs reviewed, and was visually observed at the time of Site Reconnaissance. Fill material was also encountered in the geotechnical boreholes which were completed on the Site in March 2019. The fill material was found to range in thickness from 0.8 to 2.3 metres. The environmental quality of the fill material on the Site is unknown and is considered to be an issue of potential environmental concern.
- ◆ The neighbouring properties generally appear to have been used for residential and agricultural purposes since the 1940s. No issues of potential environmental concern were identified on the neighbouring properties.

Based on the information obtained as part of this investigation, it is concluded that there are indications that fill material of unknown quality is present on-Site. The fill material was the only issue of potential environmental concern relative to the Site identified at this time.

Based on the findings of this Phase I ESA, DS recommends that Phase II ESA be completed in order to assess the environmental quality of the fill material.

2.0 Introduction

DS Consultants Ltd. (DS) was retained by Urbantech Consulting (the “Client”) to conduct a Phase I Environmental Site Assessment (ESA) of the Property known as the “Rinaldi Property”, which is part of Lot 21, Concession 9 in the Town of Halton Hills, Ontario (herein referred to as the “Site”. DS understands that the purpose of this Phase I ESA was to assess potential issues of environmental concern for due diligence purposes in association with the proposed acquisition of the Site.

The information obtained by the Phase I ESA will be used to assess whether further investigation in the form of a Phase II ESA is merited. It should be noted that this Phase I 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 I Site Reconnaissance.

2.1 Phase I Property Information

The information for the Phase I Property is provided in the following table.

Table 2-1: Phase I Property Information

Criteria	Information	Source
Legal Description	Part of Lot 21, Concession 9 ESQ, Parts 1 & 2, Plan 20R-18631, Town of Halton Hills, Municipality of Halton.	Parcel Register
Property Identification Number (PIN)	25012-0235	Parcel Register
Municipal Address	N/A	Town of Halton Hills
Property Owner	Glen Ridge Estates Inc.	Parcel Register
Property Owner Contact Information	Herbert Arnold - Solicitor 232A Guelph Street, Suite 201 Georgetown, Ontario, L7G 4B1 Phone: 905-873-0204 Email: hteasq@aol.com	Client
Current Site Occupants	Vacant	Site Visit
Site Area	18.60-hectares (45.96 acres)	Land Registry

2.2 Site Description

The Phase I Property is a 18.60-hectares (45.96 acres) parcel of land situated within a mixed residential and rural area in Halton Hills, Ontario. The Phase I Property is located approximately 190 m north of the intersection of Confederation Rd and Wildwood Street and was vacant and undeveloped at the time of this investigation. A Site Location Plan is provided in Figure 1.

For the purposes of this report, Confederation Street is assumed to be aligned in a north-south orientation, and Wildwood Street in an east-west orientation. A Plan of Survey for the Phase I Property dated June 2, 2010 and prepared by Dolliver Surveying Inc, an Ontario Land Surveyor, has been provided under Appendix A.

The Property is currently vacant and undeveloped and is covered in grassland and woodlot. There are several elevation changes across the Property, ranging from 275 masl in the west and north, to 240 masl in the southeast and central portions of the Property. A Site Plan depicting the orientation of the Site provided in Figure 2

3.0 Scope of Investigation

This Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) document entitled “Phase I Environmental Site Assessment, CSA Standard Z768-01” dated November 2001 (reaffirmed 2016). The investigation included the following:

- ◆ A review of reasonably ascertainable records and reports regarding historical and current use, regulatory information, occupancy, and activities for the Phase I 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 Ecolog 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 I 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 the Environment, Conservation and Parks (MECP), Environment Canada, Technical Standards and Safety Authority (TSSA); 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 I 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 I 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 I Property and adjoining properties;
 - 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 I ESA Report.

The objectives of the Phase I ESA are:

1. To assess the environmental condition of the Phase I 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 I Property;
2. To identify potentially contaminating activities 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 I 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 I ESA.

4.0 Records Review

4.1 General

4.1.1 Phase I Study Area Determination

Based on a review of the available historical records and the observations made during the Phase I Site Reconnaissance, no heavy industrial properties or other relevant potentially contaminating activities were observed which were considered to merit expanding the Phase I Study Area. As such the Phase I Study Area was defined by a 100 meter radius around the Phase I Property boundary.

The properties within 250 m of the Phase I Property generally consist of residential, parkland, institutional, commercial and agricultural land uses. An assessment of the historical and current use of all properties within the Phase I 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 I Study Area is provided under **Section 7.2**.

4.1.2 First Developed Use Determination

The first developed use of the Phase I Property is considered under O.Reg. 153/04 (as amended) to be either the first use of the Phase I 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 I Property.

The determination of the first developed use of the Phase I Property was based on a review of available aerial photographs, historical maps, fire insurance plans, city directories, and interviews. Based on the information obtained, the property does not appear to have even been developed.

4.1.3 Fire Insurance Plans

Fire insurance plans (FIPs) were prepared between 1875 and 1923 and revised in some areas until the 1970s. A search of Fire Insurance Plans (FIPs) was undertaken at the Metropolitan Toronto Reference Library and City Toronto's online services. FIPs were reviewed to confirm the building construction, occupancy, and potential fire hazardous with details regarding storage tanks, boilers, transformers, electrical room, etc. A summary of the pertinent information depicted in the FIPs is provided in Table 4-1 below:

Table 4-1 Summary of FIP Observations

Date	Phase I Property	Phase I Study Area
1898	No FIPs were available for the Phase I Property	<p data-bbox="932 285 1263 317">North Neighbouring Properties:</p> <p data-bbox="781 327 1414 401">No FIPs were available that covered the area to the north of the Phase I Property.</p> <p data-bbox="938 411 1252 443">East Neighbouring Properties:</p> <p data-bbox="781 453 1328 485">Multiple residential buildings are visible to the east.</p> <p data-bbox="932 495 1263 527">South Neighbouring Properties:</p> <p data-bbox="781 537 1414 611">No FIPs were available that covered the area to the south of the Phase I Property.</p> <p data-bbox="932 621 1263 653">West Neighbouring Properties:</p> <p data-bbox="781 663 1414 737">No FIPs were available that covered the area to the west of the Phase I Property.</p>

4.1.4 Environmental Reports

DS reviewed the following environmental report prepared for the Property. The report was provided by the client to DS.

- ◆ *“A Soil Investigation for Proposed Estate Residential Subdivision, Part of Lot 21, Concession 9, Town of Halton Hills, Ontario”, prepared for 278310 Ontario Ltd., prepared by Soil Engineers Limited, dated February 2000.*

This report was reviewed in order to assess the subsurface conditions on the Property. The following information was noted to be of importance by DS:

- ◆ The overburden encountered on the Phase I Property consisted of earth fill overlying silt and silty fine sand. Beneath these layers, silty sand till was encountered to the maximum explored depth (5 m).
- ◆ Groundwater was encountered in one borehole at a depth of 2.3 mbgs at an elevation of 234.2 masl. It was inferred that this groundwater is within a localized perched sand layers within the till mantle. However, the study of soil colour in the boreholes indicates that the permanent groundwater regime lies in the gray soil beneath the investigated depth of 5 meters.

4.1.5 City Directories

A search was undertaken at the Metropolitan Toronto Reference Library for city directories corresponding to the Phase I Property. No City Directories were available for DS to review at the time of this investigation.

4.2 Environmental Source Information

4.2.1 Ecolog Eris Report

EcoLog 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 EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS), an environmental database and information service company, to request a search of government and private records for information pertaining to the Phase I Property and Phase One Study Area. EcoLog searched 15 Federal databases, 37 Provincial databases and 10 private databases. A summary of the databases provide by ERIS is provided in the Table below:

Table 4-2: Summary of Environmental Databases Reviewed

Federal Government Source Databases	Private Source Databases
<ul style="list-style-type: none"> • 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 Defence & Canadian Forces Spills; • National Defence & Canadian Forces Waste Disposal Sites; • National Environmental Emergencies System (NEES); • National PCB Inventory; • National Pollutant Release Inventory; • Parks Canada Fuel Storage Tanks; and • Transport Canada Fuel Storage Tanks. 	<ul style="list-style-type: none"> • 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.
Provincial Government Source Databases	

<ul style="list-style-type: none"> • 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; 	<ul style="list-style-type: none"> • 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 Regulation 347 Waste Receivers Summary; • Ontario Spills; • Orders; • Permit to Take Water; • Pesticide Register; • Private and Retail Fuel Storage Tanks; • Record of Site Condition; • Waste Disposal Sites – MOECC 1991 Historical Approval Inventory; • Waste Disposal Sites – MOECC CA Inventory; • Wastewater Discharger Registration Database; and • Water Well Information System
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The ERIS report indicated that there were three listings for the Phase I Property, and eighty-one 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 4-3: Summary of ERIS Report Findings

Database/Date	Entry Details
Certificates of Approval (CA)	<p>Phase I Property There was no listing for CA for the Phase I Property.</p> <p>Study Area Six records were identified within the Phase I Study Area. All six records correspond to either municipal water and sewage. None of the listings are considered to be issues of potential environmental concern relative to the Site.</p>
Environmental Compliance Approval (ECA)	<p>Phase I Property There was no listing for ECA for the Phase I Property.</p> <p>Study Area Two records were identified for the Phase I Study Area. The first corresponds to William Van Ryn at 121 Confederation Street for Pesticide Operator Approval. The second corresponds to Ronald E.B. McGowan of Halton Sanitation Services for waste management systems. Neither of these listings are considered to be of potential environmental concern relative to the Site.</p>

Database/Date	Entry Details
ERIS Historical Searches (EHS)	<p>Phase I Property One record was identified for the Phase I Property. The listing corresponds to a historical search conducted in 2011, additional information is not available.</p> <p>Study Area There were no listing for EHS for the Phase I Study Area.</p>
Ontario Regulation 347 Waste Generator Summary (GEN)	<p>Phase I Property There was no listing for GEN for the Phase I Property.</p> <p>Study Area Five records were identified for the Phase I Study Area. Two listings correspond to Solinst Canada Ltd located at 515 Main Street for Petroleum Distillates from 1992-1998. Solinst was also registered in 1990 for an undefined waste. Due to a distance of greater than 150m, this activity is not considered to be an issue of potential environmental concern to the Site. The remaining three listings correspond to Halton School Transit Ltd located at 9 Wildwood Road located approximately 180m south of the Phase I Property. Halton School Transit was registered for petroleum distillates and waste oils & lubricants for the years of 1990 and 1992-1999. Due to the location (downgradient) and distance of greater than 150m from the Phase I Property, this activity is not considered to be an issue of potential concern relative to the Site.</p>
Pesticide Register (PES)	<p>Phase I Property There was no listing for PES for the Phase I Property.</p> <p>Study Area Five records were identified within the Phase I Study Area. Four records correspond to William Van Ryn for an operator's license registered at 120 and 121 Confederation Street, located approximately 60m north and northeast of the Phase I Property. The remaining listing is for Grass Roots Lawn & Garden Service Ltd, located at 520 Main Street, approximately 260m northeast of the Phase I Property. Both of these listings are inferred to be for off-site use (not at the registered property) and as such are not considered to be issues of potential concern relative to the Site.</p>
Scott's Manufacturing Directory (SCT)	<p>Phase I Property There was no listing for SCT for the Phase I Property.</p> <p>Study Area One record was identified within the Phase I Study Area. Kuntz Andrew Glass Arts is registered for Glass Product Manufacturing from Purchased Glass, located at 515 Main Street, located approximately 200m east of the Phase I Property. Due to a distance of greater than 150m from the Phase I Property, this activity is not considered to be an issue of potential environmental concern relative to the Site.</p>

Database/Date	Entry Details
Water Well Information System (WWIS)	<p data-bbox="621 233 805 260"><u>Phase I Property</u></p> <p data-bbox="621 296 743 323"><u>Study Area</u></p> <p data-bbox="621 327 1409 485">Two listings were identified for the houses adjoining the Site. Both correspond to records for domestic supply wells installed in 1957 and 1962. Based on the well records, the overburden consisted of a layer of sand and silt, overlying a clay and sand layer. Red shale was encountered at approximately 21 mbgs in one of the wells.</p> <p data-bbox="621 520 1382 581">The remaining 62 listings correspond to wells within the Phase I Study Area. The locations of the wells are depicted in the Ecolog ERIS report.</p>

4.2.2 Ministry of the Environment- Freedom of Information

A request was submitted to the MOECC Freedom of Information and Protection of Privacy Office (Appendix C) to determine if there were any environmental incidents or violations associated with the Phase I 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 MOECC 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.

4.2.3 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 March 5, 2019 from Yalini Kanagendran of TSSA, no records were found for the Phase I Property.

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

4.2.4 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 regional and municipal Official Plans were also reviewed as part of this assessment.

A review of these databases indicated that the Redside Dace (endangered species) habitat may be present within 1 km of the Site.

According to the MNRF, the Redside Dace is found in pools and slow-moving areas of small streams with overhanging grasses and shrubs. The Redside Dace is threatened by habitat loss and degradation caused by urban and agricultural development. As a tributary of the Humber River runs through the western section of the Property, it is anticipated that this species may be found on the Site.

If required, an environmental specialist could be retained to undertake a site-specific ecological assessment, however at this time further assessment is not warranted.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs and Historical Mapping

Aerial Photographs for the years 1946 and 1974 were obtained from the National Archives and reviewed as part of this assessment. The Halton County Map was reviewed in order to provide a more historical image from the year 1858. Google Earth was used to review satellite imagery from the years 2004 and 2018. 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 4-4: Summary of Aerial Photographs

Year	Phase I Property	Neighbouring Properties
1858	The Property appears to be part of a larger agricultural plot of land.	Properties around the Phase I Property appear to be agricultural plots of land.
1946	A barn appears to be present on the eastern portion of the Site. The remainder of the property is occupied by woodlot and agricultural fields.	<u>North:</u> Occupied by an agricultural field and woodlot. <u>South:</u> Occupied by woodlot. <u>East:</u> Occupied by several residential buildings. The Credit River is visible on the adjacent side of Confederation Street. <u>West:</u> Agricultural field.

1974	The former barn appears to have been demolished. The Site appears to be used for agricultural purposes.	<p><u>North:</u> Several residential structures appear to have been developed north of the Phase I Property adjacent Confederation Street.</p> <p><u>South:</u> No significant changes.</p> <p><u>East:</u> Additional inferred residential structures appear to have been constructed.</p> <p><u>West:</u> No significant changes.</p>
2004	<p>A pile of material is visible along the western portion of the Site, adjacent to McMaster Street.</p> <p>An access road appears to have been constructed in the western portion of the Site, and is inferred to have been used for the development of the homes along McMaster Street.</p>	<p><u>North:</u> No significant changes.</p> <p><u>South:</u> An inferred residential structure appears to have been constructed south of the Phase I Property.</p> <p><u>East:</u> No significant changes.</p> <p><u>West:</u> McMaster Street, and the corresponding residential structures have been constructed west of the Phase I Property.</p>
2015	Three piles of aggregate/fill are visible along the eastern edge of the property in the vicinity of the former barn. Several large vehicles appear to be parked in this portion of the Site.	No significant changes.
2018	No significant changes	No significant changes.

Based on a review of the aerial photographs it appears that excess aggregate material associated with the development of the residential properties on McMaster Street may have been placed on the western portion of the Site. It appears that vehicles and aggregate/fill materials have been stored on the eastern portion of the property, along the access driveway to the Property.

No other issues of potential environmental concern were identified based on the review of the aerial photographs.

4.3.2 Topography, Hydrology, Geology

The topography of the Phase I Property is generally sloped to the southeast with a surface elevation of approximately 275 metres above sea level (masl) in the northwest portion of the Property to 240 masl in the southeast portion. The topography within the Phase One Study Area generally slopes to the southeast, towards the Credit River, located approximately 70m east of the Phase I Property. A tributary of the Credit

River crosses through the central portion of the Site. Based on a review of the MECP well records, the depth to groundwater in the vicinity of the Phase I Property is approximately 7 mbgs. The shallow groundwater flow direction within the vicinity of the Site is inferred to be southeast towards the Credit River.

The Site is situated within a spillways physiographic region. The surficial geology across the Site is variable. The northeast section of the Site consists of glaciofluvial deposits. Modern alluvial deposits consisting of clay, silt, sand, and gravel are found west and south of the glaciofluvial deposits. The central and southwestern section of the Site contains ice-contact stratified deposits consisting of sand and gravel, minor silt, clay and till. The surficial geology in the northwest section of the Site is described as clay to silt-textured till. The underlying bedrock within the area generally consists of shale, siltstone, minor limestone and sandstone, of the Queenston Formation. Based on a review of water well records, the bedrock in the Phase One Study Area is anticipated to be encountered at an approximate depth of 21 metres below ground surface (mbgs) based on the MECP well records reviewed.

4.3.3 Fill Materials

Disturbed and uneven ground potentially indicative of the presence of fill material was observed at the time of Site reconnaissance. Four geotechnical boreholes were completed on the Site by DS in March 2019. Fill material was encountered in all boreholes, ranging in thickness between 0.8 to 2.3 metres.

The source and environmental quality of the fill material is unknown.

4.3.4 Water Bodies and Areas of Natural Significance

A tributary of the Credit River crosses through the central portion of the Site, and drains into the Credit River, located approximately 70 metres east of the Site. 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.

The Property includes no Areas of Natural Significance. Additional details are provided in Section 4.2.4 above.

4.3.5 Well Records

Water well records were also searched as part of the EcoLog ERIS database query. No records were identified for the Site. Two records were available for the east adjacent residential properties.

Additional detail regarding the well construction, lithology encountered, and well purpose is included in the ERIS report provided under Appendix B.

4.4 Site Operating Records

The Site presently includes no structures and has mainly been used for agricultural purposes. No operating records were available for DS to review.

5.0 Interviews

5.1 Personnel Interviewed

The following person with the knowledge of the Property was interviewed or provided the required information.

Table 5-1: Summary of Personnel Interviewed

Date	Name	Affiliation	Position	Method of Interview
March 1, 2019	Mr. Herbert T. Arnold	Solicitor for Estate of the Property Owners	Solicitor	Email

5.2 Interviewee Rationale

Mr. Arnold is the solicitor for the estate of the Property Owners and has been involved with the property since 1985. Mr. Arnold is considered to be the most knowledgeable person in regard to the Property as the Principals of the current Property Owners are recently deceased.

The Phase I Interview was conducted by Mr. Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}.

5.3 Results of Interview

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

- The Phase I Property is currently owned by Glen Ridge Estates and was acquired in 2010.
- The Site has historically been used for agriculture.
- Mr. Arnold is not aware of the Property ever utilizing fuel oil, storing of hazardous materials, or any fires occurring on the Property.
- To the best of his knowledge, no chemical spills have occurred on the Property, and the Property is not serviced by underground utilities.
- Mr. Arnold was unaware of any fill material placement on the Property.

DS compared the information obtained through the Phase I 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.

6.0 Site Reconnaissance

6.1 General Requirements

Table 6-1: Site Reconnaissance Notes

Information	Details
Date of Investigation:	March 11, 2019
Time of Investigation:	10:00 a.m.
Weather Conditions:	-15°C, Clear Skies, Snow Covered Ground
Duration of Investigation:	2 Hours
Facility Operation	Vacant
Name and Qualification of Person(s) conducting the assessment	Tanner Leonhardt, B.Eng Under the supervision of Patrick Fioravanti, B.Sc., P.Geo., QP _{ESA}
Limitations	No limitations

6.2 Specific Observations at Phase I Property

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

Table 6-2: Summary of Site Reconnaissance Observations

General	
i. Description of structures and other improvements, including the number and age of buildings	No structures were visible on the Property.
ii. Description of the number, age and depth of below-ground structures	None observed.
iii. Details of all tanks, above and below ground at the Phase I Property, including the material and method of construction of the tank, tank age, tank contents, tank volume, and whether in use or not	None observed.
iv. Potable and non-potable water sources	None observed.
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 I Property.	The Property is a vacant parcel of land, as such underground utilities are inferred to not be present on the Property.
Features of Structures and Buildings at the Phase I Property	
i. Entry and exit points	Not applicable.

ii.	Details of existing and former heating systems, including type and fuel source	Not applicable.
iii.	Details of cooling systems, including type and fuel source, if any	Not applicable.
iv.	Details of any drains, pits and sumps, including their current use, if any, and former use	Not applicable.
v.	Details of any unidentified substances	None observed.
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 <i>Ontario Water Resources Act</i> and the <i>Oil, Gas and Salt Resources Act</i>	One (1) groundwater monitoring well was observed in the central portion of the Property. No other wells (monitoring or otherwise) were observed on the Property. The monitoring well was installed by DS as part of an on-going geotechnical investigation.
viii.	Details of sewage works, including their location	None observed.
ix.	Details of ground surface, including type of ground cover, such as grass, gravel, soil or pavement	The Property is covered with a mixture of grassland to the northeast and center, woodlot to the northwest and south, and marsh land to the southwest.
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	Fill material/granular material appears to have been placed in the western portion of the Site, and is inferred to have been imported as part of the development of the residential properties along McMaster Street. Fill material was also visually observed in the vicinity of the former barn, and along the east bank of the tributary which crosses through the Site.
xiv.	Potentially contaminating activity	Fill material/granular appears to have been placed across the Site. The environmental quality of this material is unknown.
xv.	Details of any unidentified substances found at the Phase I Property	None observed.
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. There are no structures present on the Property, and therefore the potential for asbestos and asbestos containing materials to be present is considered to be low.

ii. Lead containing materials	The use of lead as a base in paints and plumbing solder was phased out in the late 1970s. There are no structures present on the Property, and therefore potential for lead solder and paint is not anticipated.
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. Since the Site is undeveloped, PCBs are not anticipated to be located on the Phase I Property.
iv. Urea Formaldehyde Foam Insulation (UFFI)	Urea-Formaldehyde Foam Insulation (UFFI) was introduced in Canada during the 1970s and was banned in 1980. Since the Site is undeveloped, UFFI is not anticipated to be present on the Phase I Property.
v. Ozone Depleting Substances (ODS)	None observed.
vi. Herbicides and Pesticides	None observed.
vii. Mould	Since the Site is undeveloped, mould is not anticipated to be located on the Phase I Property.
viii. Mercury	Since the Site is undeveloped, mercury is not anticipated to be located on the Phase I Property.
ix. acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, silica, vinyl chloride	These items were not observed at the Property.
x. Pits and Lagoons	None observed.
xi. Air Emissions	Not applicable.
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.

6.3 Written Description of Investigation

The site reconnaissance included a visual inspection of the Phase I 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 I Property and publicly accessible areas.

At the time of the Site Reconnaissance the land use within the Phase One Study Area was primarily (residential, commercial, industrial, parkland, etc.), as described in the table below:

Table 6-3: Summary of Site Reconnaissance Observations within Phase One Study Area

Observation	Details
Phase I Property	The Phase I Property was vacant and unoccupied at the time of site reconnaissance. Multiple residential structures border the Property to the east. Uneven topography indicative of the presence of fill material was observed in various locations across the Site. The locations in which fill

Observation	Details
	material was visually identified at the ground surface is identified in Figure 2.
North Adjacent Property	The north adjacent Property was occupied by agricultural fields, and several residential structures (fronting onto Confederation Street) at the time of the site reconnaissance.
East Adjacent Property	The east adjacent Property was occupied by several residential structures at the time of the site reconnaissance.
South Adjacent Property	The south adjacent Property was occupied by woodlot and several residential structures at the time of the site reconnaissance.
West Adjacent Property	The west adjacent Property was occupied by woodlot and several residential structures at the time of the site reconnaissance.
Water Bodies	None observed.
Areas of Natural Significance	None observed.

Photographs illustrating the Phase I Property and adjacent properties are provided under Appendix E. A summary of the potentially contaminating activities observed is provided in Section 7.2.

7.0 Review and Evaluation of Information

7.1 Current and Past Uses

Current and past uses of the Phase I Property have been inferred based on the information provided in the aerial photographs, chain of title, city directories and conversations with the site representative. Based on the records reviewed, it appears that the Site has been used for agricultural purposes since the 1800s.

7.2 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 I Property. The PCAs identified are presented in the table below, and depicted on Figure 2.

Table 7-1: Summary of PCAs

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
1	PCA-30: Importation of Fill Material of Unknown Quality	Fill material/granular was observed in the aerial photographs, during site reconnaissance, and in the	Yes-APEC-1

PCA Item.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Y/N)
		geotechnical boreholes advanced on the Site.	

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

7.3 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.

Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern on Phase I 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 Property	PCA-30: Importation of Fill Material of Unknown Quality	On Site	PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, electrical conductivity, Cr (VI), Hg, low or high pH, SAR, PAHs	Soil

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 I Property has been provided in the proceeding sections. In general the potential for a PCA to be contributing to an APEC on the Phase I Property was assessed using the likelihood of the source to contaminate the Phase I Property, the possibility of the contaminants to migrate to the Phase I 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.

8.0 Conclusions

8.1 Phase II Environmental Site Assessment Requirement

DS conducted a Phase I ESA for the property located at Rinaldi Property, Halton Hills, Ontario. The objectives of the Phase I ESA was to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase I 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 I Property.

Based on the information obtained as part of this investigation, it is concluded that there are indications that fill material of unknown quality is present on-Site. The fill material was the only issue of potential environmental concern relative to the Site identified at this time.

Based on the findings of this Phase I ESA, DS recommends that Phase II ESA be completed in order to assess the environmental quality of the fill material.

8.2 Limitations

This report was prepared for the sole use of Urbantech Consulting and is intended to provide an assessment of the environmental condition on the property located at Rinaldi Property, Halton Hills, Ontario. 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.

8.3 Qualifications of the Assessors

Tanner Leonhardt, B.Eng.

Mr. Leonhardt is a Junior Environmental Engineer with DS Consultants Ltd. Tanner holds a Bachelor of Engineering Degree from the University of Guelph and has several years of experience working in the environmental industry. Tanner has experience in conducting Phase One and Phase Two Environmental Site Assessments, soil and groundwater remediation, and has supported several risk assessment projects.

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 eight years of environmental consulting experience and has conducted and/or managed over 100 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).

8.4 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.



Tanner Leonhardt, B.Eng
Environmental Technician



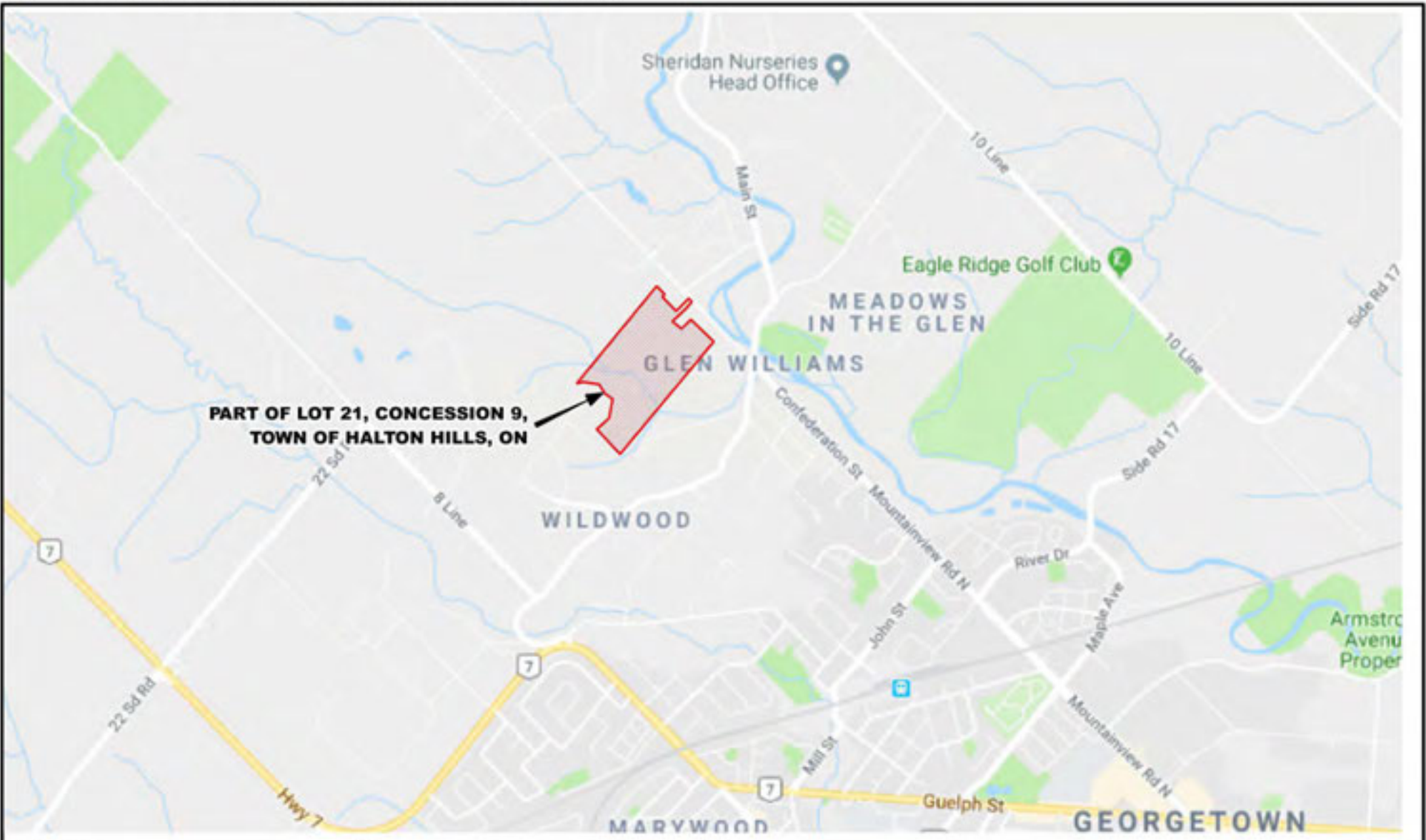
Patrick Fioravanti, B.Sc., P.Geo., QP_{ESA}
Manager - Environment

9.0 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 Ontario and Climate Change-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 (Ecolog ERIS Report)



Figures



**PART OF LOT 21, CONCESSION 9,
TOWN OF HALTON HILLS, ON**

Legend
 Approx. Property Boundary



DS CONSULTANTS LTD.
 6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K6
 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
URBANTECH CONSULTING

Project: **PHASE I ENVIRONMENTAL SITE ASSESSMENT**
 Part of Lot 21, Concession 9, Town of Halton Hills, ON

Title: **SITE LOCATION PLAN**



Size: 8.5 x 11	Approved By: R.F	Drawn By: S.Y	Date: March 2019
-------------------	---------------------	------------------	---------------------

Rev: 0	Scale: As Shown	Project No.: 19-025-100	Figure No.: 1
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Image/Map Source: Google Street Map



Legend

- Approx. Property Boundary
- + Geotechnical Borehole Location
- o Geotechnical Monitoring Well Location



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 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
URBANTECH CONSULTING

Project: **PHASE I ENVIRONMENTAL SITE ASSESSMENT**
 Part of Lot 21, Concession 9, Town of Halton Hills, ON

Title: **SITE PLAN**



Size:	Approved By: R.F	Drawn By: S.Y	Date: March 2019
-------	-------------------------	----------------------	-------------------------

Rev: 0	Scale: As Shown	Project No.: 19-025-100	Figure No.: 2
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Image/Map Source: Google Satellite Image



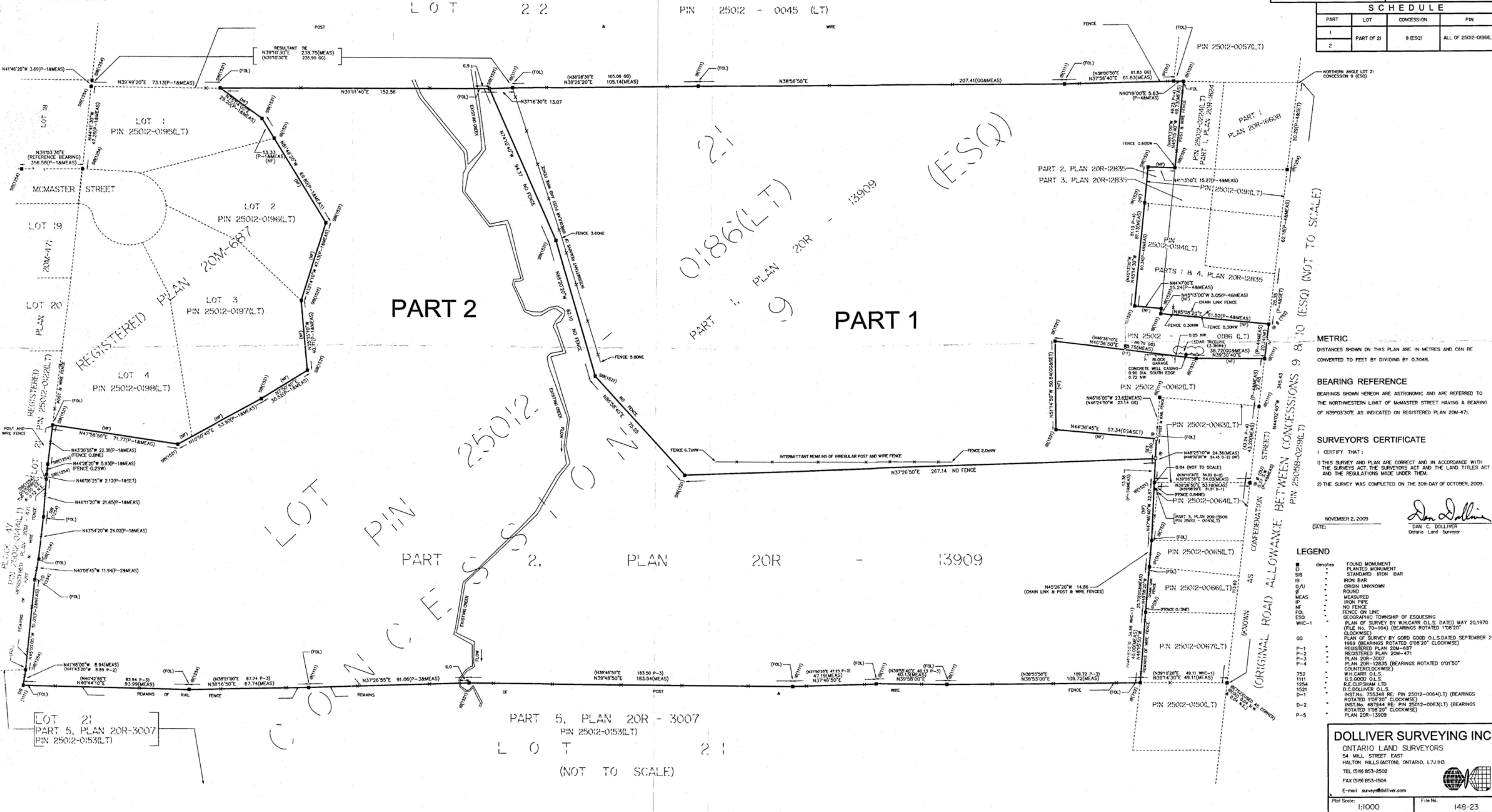
Appendix A – Plan of Survey

PLAN OF SURVEY OF
**PART OF LOT 21
 CONCESSION 9**
 (GEOGRAPHIC TOWNSHIP OF ESQUESING)
 TOWN OF HALTON HILLS
 REGIONAL MUNICIPALITY OF HALTON
 SCALE 1 : 1000

DOLLIVER SURVEYING INC.
 ONTARIO LAND SURVEYORS

PLAN 20R-18631
 RECEIVED AND DEPOSITED
 DATE: June 2, 2010
 "J. Holmes"
 AD LAND REGISTRAR FOR THE
 LAND TITLES DIVISION OF
 HALTON (No. 20)

SCHEDULE			
PART	LOT	CONCESSION	PIN
1	PART OF 21	9 (ESQ)	ALL OF 25012-0186(LT)
2			



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

BEARING REFERENCE
 BEARINGS SHOWN HEREON ARE ASTRONOMIC AND ARE REFERRED TO THE
 NORTHWESTERN LIMIT OF MCMASTER STREET HAVING A BEARING OF
 N39°03'30"E AS INDICATED ON REGISTERED PLAN 20M-471.

SURVEYOR'S CERTIFICATE
 I CERTIFY THAT:
 1) THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH
 THE SURVEYORS ACT, THE SURVEYORS ACT AND THE LAND TITLES ACT
 AND THE REGULATIONS MADE UNDER THEM.
 2) THE SURVEY WAS COMPLETED ON THE 30th DAY OF OCTOBER, 2009.

NOVEMBER 2, 2009
 DATE: Nov 2, 2009
 DAN C. DOLLIVER
 Ontario Land Surveyor

- LEGEND**
- denotes FOUND MONUMENT
 - denotes PLANTED MONUMENT
 - denotes STANDARD IRON BAR
 - denotes IRON BAR
 - denotes ORIGIN UNKNOWN
 - denotes ROUND
 - denotes MEASURED
 - denotes IRON PIPE
 - denotes NO FENCE
 - denotes FENCE ON LINE
 - denotes GEOGRAPHIC TOWNSHIP OF ESQUESING
 - denotes PLAN OF SURVEY BY W.H. CARR O.L.S. DATED MAY 20, 1970 (FILE No. 70-104) (BEARINGS ROTATED 1°08'20" CLOCKWISE)
 - denotes PLAN OF SURVEY BY GORD GOOD O.L.S. DATED SEPTEMBER 29, 1969 (BEARINGS ROTATED 0°08'20" CLOCKWISE)
 - denotes REGISTERED PLAN 20M-687
 - denotes REGISTERED PLAN 20M-471
 - denotes PLAN 20R-3007
 - denotes PLAN 20R-12835 (BEARINGS ROTATED 0°01'50" CLOCKWISE)
 - denotes W.H. CARR O.L.S.
 - denotes G.S. GOOD O.L.S.
 - denotes R.E. C. SPISHAM LTD.
 - denotes D. C. DOLLIVER O.L.S.
 - denotes INST. No. 755348 RE: PIN 25012-0064(LT) (BEARINGS ROTATED 1°08'20" CLOCKWISE)
 - denotes INST. No. 487944 RE: PIN 25012-0063(LT) (BEARINGS ROTATED 1°08'20" CLOCKWISE)
 - denotes PLAN 20R-13909

DOLLIVER SURVEYING INC.
 ONTARIO LAND SURVEYORS
 54 MILL STREET EAST
 HALTON HILLS (ACTON), ONTARIO, L7J 1H5
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 FAX (519) 853-1504
 E-mail survey@dolliver.com
 Plot Scale: 1:1000 File No. 148-23



Appendix B – Ecolog ERIS Report

ERIS

ENVIRONMENTAL RISK INFORMATION SERVICES



DATABASE REPORT

Project Property:	<i>Rinaldi Property 86 Confederation Street Georgetown ON L7G 3R8</i>
Project No:	<i>TBA</i>
Report Type:	<i>RSC Report - Quote</i>
Order No:	<i>20190304086</i>
Requested by:	<i>Ds Consultants Ltd.</i>
Date Completed:	<i>March 6, 2019</i>

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Executive Summary

Property Information:

Project Property: *Rinaldi Property
86 Confederation Street Georgetown ON L7G 3R8*

Project No: TBA

Order Information:

Order No: 20190304086
Date Requested: March 4, 2019
Requested by: Ds Consultants Ltd.
Report Type: RSC Report - Quote

Historical/Products:

Aerial Photographs *Aerials - National Collection - .tiff files*
ERIS Xplorer [ERIS Xplorer](#)
Topographic Map *Ontario Base Map (OBM)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	0	6	6
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DRYCLEANERS	Dry Cleaning Facilities	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	2	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	0	1
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EXP	List of TSSA Expired Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	5	5
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	TSSA Incidents	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MISA PENALTY	Environmental Penalty Annual Report	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
OGGW	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	5	5
PINC	TSSA Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	1	1
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	TSSA Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	62	64
Total:			3	81	84

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<u>1</u>	EHS		Confederation Street Halton Hills (Georgetown) ON	-0.0	-0.04	<u>26</u>
<u>2</u>	WWIS		ON Well ID: 2801681	-0.0	-10.12	<u>26</u>
<u>3</u>	WWIS		lot 21 con 9 ON Well ID: 2801403	-0.0	3.41	<u>29</u>

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
4	WWIS		lot 22 con 9 ON <i>Well ID: 2804259</i>	N/9.5	5.02	32
5	WWIS		lot 21 con 9 ON <i>Well ID: 2807313</i>	NNE/22.9	1.03	34
6	PES	WILLIAM VAN RYN	120 CONFEDERATION ST GEORGETOWN ON L7G 3R9	N/32.1	5.96	38
6	PES	VAN RYN WILLIAM	120 CONFEDERATION ST GLEN WILLIAMS ON L7G 3R9	N/32.1	5.96	39
7	WWIS		lot 21 con 10 ON <i>Well ID: 2801471</i>	NNE/33.3	4.29	39
8	WWIS		lot 22 con 10 ON <i>Well ID: 2801488</i>	NNE/36.9	5.05	42
9	WWIS		lot 21 con 10 ON <i>Well ID: 2803714</i>	NE/37.1	-2.14	44
10	WWIS		lot 21 con 9 ON <i>Well ID: 2807157</i>	SSW/43.0	1.35	47
11	WWIS		lot 21 con 10 ON <i>Well ID: 2803298</i>	NE/47.8	-3.69	51
11	WWIS		lot 21 con 10 ON <i>Well ID: 2802997</i>	NE/47.8	-3.69	54
12	ECA	William Van Ryn, Susan Van Ryn	121 Confederation ST Glen Williams ON L7G 3S1	NNE/58.6	4.42	57
12	PES	WILLIAM VAN RYN	121 CONFEDERATION ST GEORGETOWN ON L7G3S1	NNE/58.6	4.42	57

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
12	PES	WILLIAM VAN RYN	121 CONFEDERATION ST GEORGETOWN ON L7G 3S1	NNE/58.6	4.42	57
13	WWIS		lot 22 con 9 ON Well ID: 2801418	N/59.8	8.68	57
14	WWIS		lot 21 con 10 ON Well ID: 2802943	NNE/61.7	1.92	60
15	WWIS		lot 21 con 10 ON Well ID: 2805284	NNE/62.2	4.73	63
16	WWIS		lot 22 con 9 ON Well ID: 2801420	N/63.6	8.68	66
17	WWIS		lot 21 con 10 ON Well ID: 2801477	NNE/65.1	4.47	69
18	WWIS		lot 22 con 9 ON Well ID: 2801417	NNW/66.7	14.29	72
19	WWIS		lot 22 con 9 ON Well ID: 2801419	N/67.4	9.14	75
20	WWIS		lot 22 con 9 ON Well ID: 2801416	NNW/72.8	13.49	78
21	WWIS		lot 21 con 9 ON Well ID: 2803574	E/99.2	-15.47	81
22	WWIS		lot 22 con 10 ON Well ID: 2804121	N/100.7	7.10	84
23	WWIS		lot 21 con 10 ON Well ID: 2802998	NNE/101.3	6.37	89
24	WWIS		lot 21 con 10 ON	ENE/125.6	-16.54	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 2801473			
25	WWIS		lot 21 con 10 ON Well ID: 2807179	NNE/146.5	2.05	94
26	WWIS		lot 21 con 10 ON Well ID: 2806818	NNE/147.9	2.05	98
27	CA	278310 ONTARIO LIMITED	MCMASTER ST/THOMAS COURT HALTON HILLS TOWN ON	SW/155.5	21.56	102
28	WWIS		lot 21 con 10 ON Well ID: 2801476	NNE/160.6	2.17	102
29	WWIS		lot 21 con 9 ON Well ID: 2804278	E/161.2	-16.48	105
30	WWIS		lot 22 con 10 ON Well ID: 2803269	NNE/164.2	4.31	108
31	WWIS		lot 21 con 10 ON Well ID: 2806030	ENE/170.3	-15.57	111
32	WWIS		GEORGETOWN ON Well ID: 7108578	E/172.8	-18.03	114
33	WWIS		lot 22 con 9 ON Well ID: 2802908	N/173.2	11.67	117
34	WWIS		lot 21 con 10 ON Well ID: 2803151	NE/175.1	-12.29	119
35	WWIS		lot 21 con 10 ON Well ID: 2804466	NNE/176.2	3.98	122
36	CA	R.M. OF HALTON - CONC. 9 & 10	CONFEDERATION ST./MAIN ST. HALTON HILLS TOWN ON	E/182.8	-17.70	125
36	CA	R.M. OF HALTON - KAREN DRIVE	CONFEDERATION ST./MAIN ST. HALTON HILLS TOWN ON	E/182.8	-17.70	125

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
37	WWIS		lot 22 con 10 ON Well ID: 2801492	N/185.7	5.84	125
38	WWIS		lot 22 con 9 ON Well ID: 2803848	NNW/188.2	12.45	128
39	WWIS		lot 21 con 10 ON Well ID: 2805609	NNE/188.9	1.70	132
40	WWIS		lot 21 con 10 ON Well ID: 2805195	NNE/189.0	-2.38	136
41	WWIS		lot 21 con 10 ON Well ID: 2801479	ENE/190.4	-15.54	139
42	WWIS		lot 21 con 9 ON Well ID: 2801411	S/202.3	20.28	142
43	WWIS		lot 20 con 9 ON Well ID: 2804864	ESE/207.3	-16.94	145
44	GEN	SOLINST CANADA (OUT OF BUSINESS) 35-563	THE WILLIAMS MILL, 515 MAIN ST. GLEN WILLIAMS ON L7G 3S9	ENE/214.6	-16.57	149
44	GEN	SOLINST CANADA LTD.	THE WILLIAMS MILL, 515 MAIN ST. GLEN WILLIAMS ON L7G 3S9	ENE/214.6	-16.57	149
44	SCT	KUNTZ ANDREW GLASS ARTS	515 Main St Georgetown ON L7G 3S9	ENE/214.6	-16.57	149
45	WWIS		lot 21 con 9 ON Well ID: 2805237	S/223.8	-0.30	149
46	WWIS		lot 21 con 10 ON Well ID: 2801486	NE/231.5	-5.10	152
47	WWIS		lot 22 con 10 ON	N/231.7	10.80	155

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 2803338			
48	WWIS		lot 21 con 9 ON Well ID: 2804484	SE/234.0	-16.58	158
49	WWIS		lot 21 con 10 ON Well ID: 2803273	NNE/238.9	1.90	162
50	WWIS		lot 21 con 10 ON Well ID: 2802969	ENE/239.1	-16.41	164
51	WWIS		lot 22 con 9 ON Well ID: 2801413	NNW/243.8	14.57	166
52	WWIS		lot 21 con 10 ON Well ID: 2803405	NNE/248.2	2.38	170
53	WWIS		lot 22 con 10 ON Well ID: 2805318	N/250.2	3.76	173
54	PES	GRASS ROOTS LAWN & GARDEN SERVICE LTD	520 MAIN ST CLEN WILLIAMS ON L7G3S8	ENE/252.3	-15.57	176
55	ECA	Ronald E.B. McGowan o/a Halton Sanitation Services	145A Confederation Street Glen Williams ON L7G 3S3	N/254.8	10.69	176
56	CA	Ronald E.B. McGowan o/a Halton Sanitation Services	145A Confederation Street Glen Williams ON	N/255.1	8.17	176
57	WWIS		lot 21 con 10 ON Well ID: 2804014	NNE/256.2	-5.14	177
58	WWIS		lot 22 con 10 ON Well ID: 2801501	N/257.8	11.92	181
59	WWIS		lot 21 con 10 ON Well ID: 2805766	ENE/259.0	-14.79	183
60	WWIS		lot 22 con 10 ON	N/261.0	11.92	186

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 2801506			
61	GEN	HALTON SCHOOL TRANSIT LTD. 19-507	9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	ESE/262.8	-17.63	188
61	GEN	HALTON SCHOOL TRANSIT LTD.	9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	ESE/262.8	-17.63	188
61	GEN	HALTON SCH(OUT OF BUSINESS)	9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	ESE/262.8	-17.63	189
62	WWIS		lot 21 con 9 ON Well ID: 2803788	ESE/264.2	-18.61	189
63	WWIS		lot 22 con 10 ON Well ID: 2803271	NNE/267.0	2.58	192
64	WWIS		lot 22 con 10 ON Well ID: 2801498	N/269.9	4.09	195
64	WWIS		lot 22 con 10 ON Well ID: 2801497	N/269.9	4.09	198
65	WWIS		lot 20 con 9 ON Well ID: 2804988	S/271.1	21.82	201
66	WWIS		lot 20 con 9 ON Well ID: 2801390	ESE/272.4	-18.48	205
67	WWIS		lot 21 con 9 ON Well ID: 2801400	ESE/275.8	-18.54	208
68	WWIS		lot 21 con 10 ON Well ID: 2801470	E/277.9	-18.21	210
69	CA	R.M. OF HALTON	PRINCE ST/MAIN ST/OAK ST. MILTON TOWN ON	ENE/281.8	-14.26	213
69	CA	MILTON TOWN	PRINCE ST/MAIN ST. MILTON TOWN ON	ENE/281.8	-14.26	213

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
70	WWIS		lot 22 con 9 ON Well ID: 2807482	W/291.2	22.57	213
71	WWIS		lot 19 con 10 ON Well ID: 2803839	NNE/291.5	-4.05	217
72	WWIS		lot 21 con 10 ON Well ID: 2802909	NNE/296.5	-1.08	220
73	WWIS		lot 20 con 9 ON Well ID: 2804989	S/297.4	18.35	223

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
278310 ONTARIO LIMITED	MCMASTER ST/THOMAS COURT HALTON HILLS TOWN ON	155.5	27
R.M. OF HALTON - KAREN DRIVE	CONFEDERATION ST./MAIN ST. HALTON HILLS TOWN ON	182.8	36
R.M. OF HALTON - CONC. 9 & 10	CONFEDERATION ST./MAIN ST. HALTON HILLS TOWN ON	182.8	36
Ronald E.B. McGowan o/a Halton Sanitation Services	145A Confederation Street Glen Williams ON	255.1	56
R.M. OF HALTON	PRINCE ST/MAIN ST/OAK ST. MILTON TOWN ON	281.8	69
MILTON TOWN	PRINCE ST/MAIN ST. MILTON TOWN ON	281.8	69

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Jan 31, 2019 has found that there are 2 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
William Van Ryn, Susan Van Ryn	121 Confederation ST Glen Williams ON L7G 3S1	58.6	12
Ronald E.B. McGowan o/a Halton Sanitation Services	145A Confederation Street Glen Williams ON L7G 3S3	254.8	55

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 1 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Confederation Street Halton Hills (Georgetown) ON	0.0	1

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Dec 31, 2018 has found that there are 5 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
SOLINST CANADA LTD.	THE WILLIAMS MILL, 515 MAIN ST. GLEN WILLIAMS ON L7G 3S9	214.6	44
SOLINST CANADA (OUT OF BUSINESS) 35-563	THE WILLIAMS MILL, 515 MAIN ST. GLEN WILLIAMS ON L7G 3S9	214.6	44
HALTON SCHOOL TRANSIT LTD.	9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	262.8	61
HALTON SCH(OUT OF BUSINESS)	9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	262.8	61
HALTON SCHOOL TRANSIT LTD. 19-507	9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	262.8	61

PES - Pesticide Register

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WILLIAM VAN RYN	120 CONFEDERATION ST GEORGETOWN ON L7G 3R9	32.1	6
VAN RYN WILLIAM	120 CONFEDERATION ST GLEN WILLIAMS ON L7G 3R9	32.1	6
WILLIAM VAN RYN	121 CONFEDERATION ST GEORGETOWN ON L7G 3S1	58.6	12
WILLIAM VAN RYN	121 CONFEDERATION ST GEORGETOWN ON L7G3S1	58.6	12
GRASS ROOTS LAWN & GARDEN SERVICE LTD	520 MAIN ST CLEN WILLIAMS ON L7G3S8	252.3	54

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
KUNTZ ANDREW GLASS ARTS	515 Main St Georgetown ON L7G 3S9	214.6	44

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31, 2017 has found that there are 64 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON Well ID: 2801681	0.0	2
	lot 21 con 9 ON Well ID: 2801403	0.0	3

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 22 con 9 ON Well ID: 2804259	9.5	<u>4</u>
	lot 21 con 9 ON Well ID: 2807313	22.9	<u>5</u>
	lot 21 con 10 ON Well ID: 2801471	33.3	<u>7</u>
	lot 22 con 10 ON Well ID: 2801488	36.9	<u>8</u>
	lot 21 con 10 ON Well ID: 2803714	37.1	<u>9</u>
	lot 21 con 9 ON Well ID: 2807157	43.0	<u>10</u>
	lot 21 con 10 ON Well ID: 2803298	47.8	<u>11</u>
	lot 21 con 10 ON Well ID: 2802997	47.8	<u>11</u>
	lot 22 con 9 ON Well ID: 2801418	59.8	<u>13</u>
	lot 21 con 10 ON Well ID: 2802943	61.7	<u>14</u>
	lot 21 con 10 ON Well ID: 2805284	62.2	<u>15</u>
	lot 22 con 9 ON	63.6	<u>16</u>

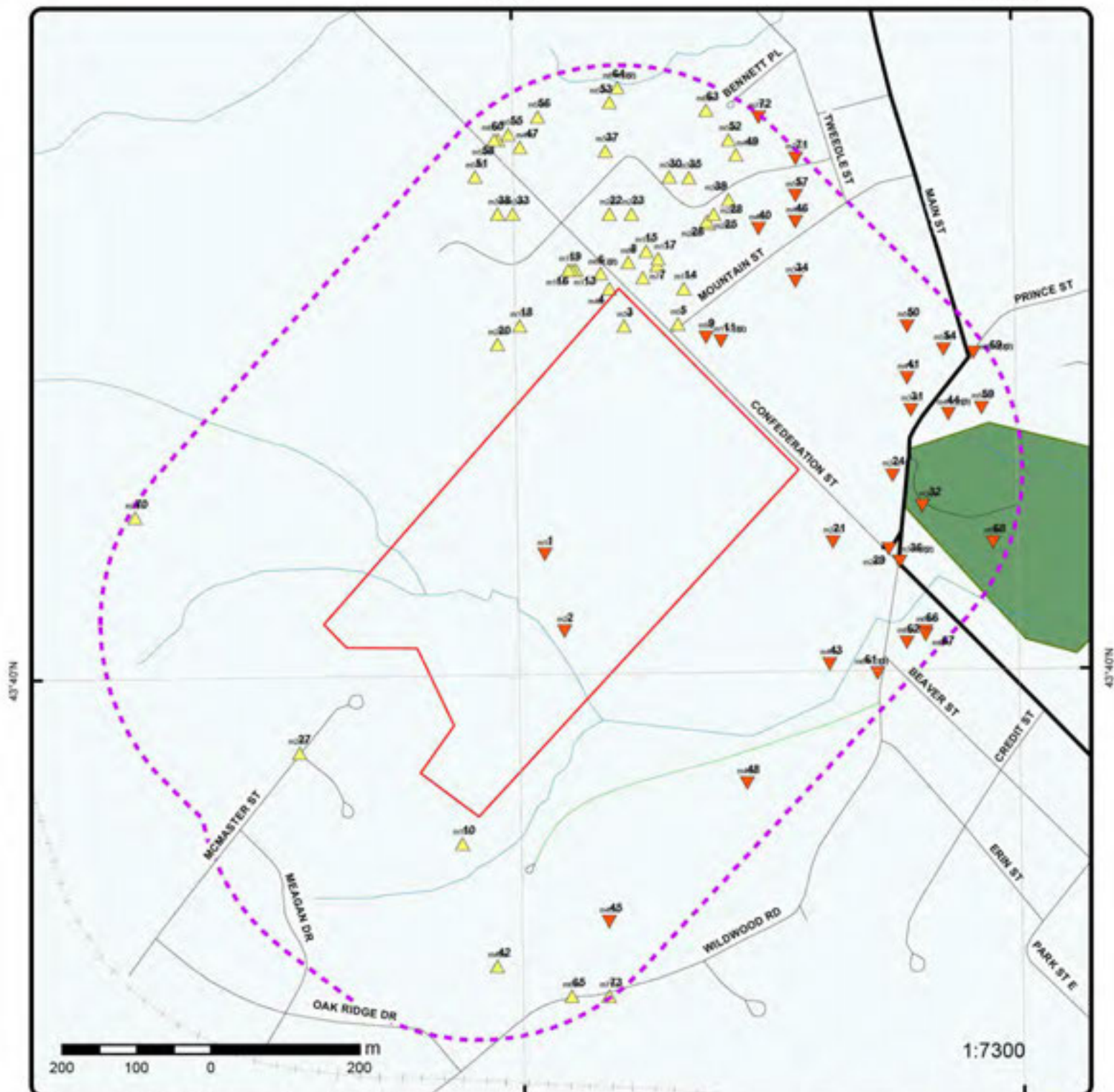
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 2801420		
	lot 21 con 10 ON	65.1	17
	Well ID: 2801477		
	lot 22 con 9 ON	66.7	18
	Well ID: 2801417		
	lot 22 con 9 ON	67.4	19
	Well ID: 2801419		
	lot 22 con 9 ON	72.8	20
	Well ID: 2801416		
	lot 21 con 9 ON	99.2	21
	Well ID: 2803574		
	lot 22 con 10 ON	100.7	22
	Well ID: 2804121		
	lot 21 con 10 ON	101.3	23
	Well ID: 2802998		
	lot 21 con 10 ON	125.6	24
	Well ID: 2801473		
	lot 21 con 10 ON	146.5	25
	Well ID: 2807179		
	lot 21 con 10 ON	147.9	26
	Well ID: 2806818		
	lot 21 con 10 ON	160.6	28
	Well ID: 2801476		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 con 9 ON Well ID: 2804278	161.2	<u>29</u>
	lot 22 con 10 ON Well ID: 2803269	164.2	<u>30</u>
	lot 21 con 10 ON Well ID: 2806030	170.3	<u>31</u>
	GEORGETOWN ON Well ID: 7108578	172.8	<u>32</u>
	lot 22 con 9 ON Well ID: 2802908	173.2	<u>33</u>
	lot 21 con 10 ON Well ID: 2803151	175.1	<u>34</u>
	lot 21 con 10 ON Well ID: 2804466	176.2	<u>35</u>
	lot 22 con 10 ON Well ID: 2801492	185.7	<u>37</u>
	lot 22 con 9 ON Well ID: 2803848	188.2	<u>38</u>
	lot 21 con 10 ON Well ID: 2805609	188.9	<u>39</u>
	lot 21 con 10 ON Well ID: 2805195	189.0	<u>40</u>
	lot 21 con 10 ON	190.4	<u>41</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 2801479		
	lot 21 con 9 ON	202.3	42
	Well ID: 2801411		
	lot 20 con 9 ON	207.3	43
	Well ID: 2804864		
	lot 21 con 9 ON	223.8	45
	Well ID: 2805237		
	lot 21 con 10 ON	231.5	46
	Well ID: 2801486		
	lot 22 con 10 ON	231.7	47
	Well ID: 2803338		
	lot 21 con 9 ON	234.0	48
	Well ID: 2804484		
	lot 21 con 10 ON	238.9	49
	Well ID: 2803273		
	lot 21 con 10 ON	239.1	50
	Well ID: 2802969		
	lot 22 con 9 ON	243.8	51
	Well ID: 2801413		
	lot 21 con 10 ON	248.2	52
	Well ID: 2803405		
	lot 22 con 10 ON	250.2	53
	Well ID: 2805318		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 con 10 ON Well ID: 2804014	256.2	<u>57</u>
	lot 22 con 10 ON Well ID: 2801501	257.8	<u>58</u>
	lot 21 con 10 ON Well ID: 2805766	259.0	<u>59</u>
	lot 22 con 10 ON Well ID: 2801506	261.0	<u>60</u>
	lot 21 con 9 ON Well ID: 2803788	264.2	<u>62</u>
	lot 22 con 10 ON Well ID: 2803271	267.0	<u>63</u>
	lot 22 con 10 ON Well ID: 2801498	269.9	<u>64</u>
	lot 22 con 10 ON Well ID: 2801497	269.9	<u>64</u>
	lot 20 con 9 ON Well ID: 2804988	271.1	<u>65</u>
	lot 20 con 9 ON Well ID: 2801390	272.4	<u>66</u>
	lot 21 con 9 ON Well ID: 2801400	275.8	<u>67</u>
	lot 21 con 10 ON	277.9	<u>68</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 2801470		
	lot 22 con 9 ON	291.2	70
	Well ID: 2807482		
	lot 19 con 10 ON	291.5	71
	Well ID: 2803839		
	lot 21 con 10 ON	296.5	72
	Well ID: 2802909		
	lot 20 con 9 ON	297.4	73
	Well ID: 2804989		



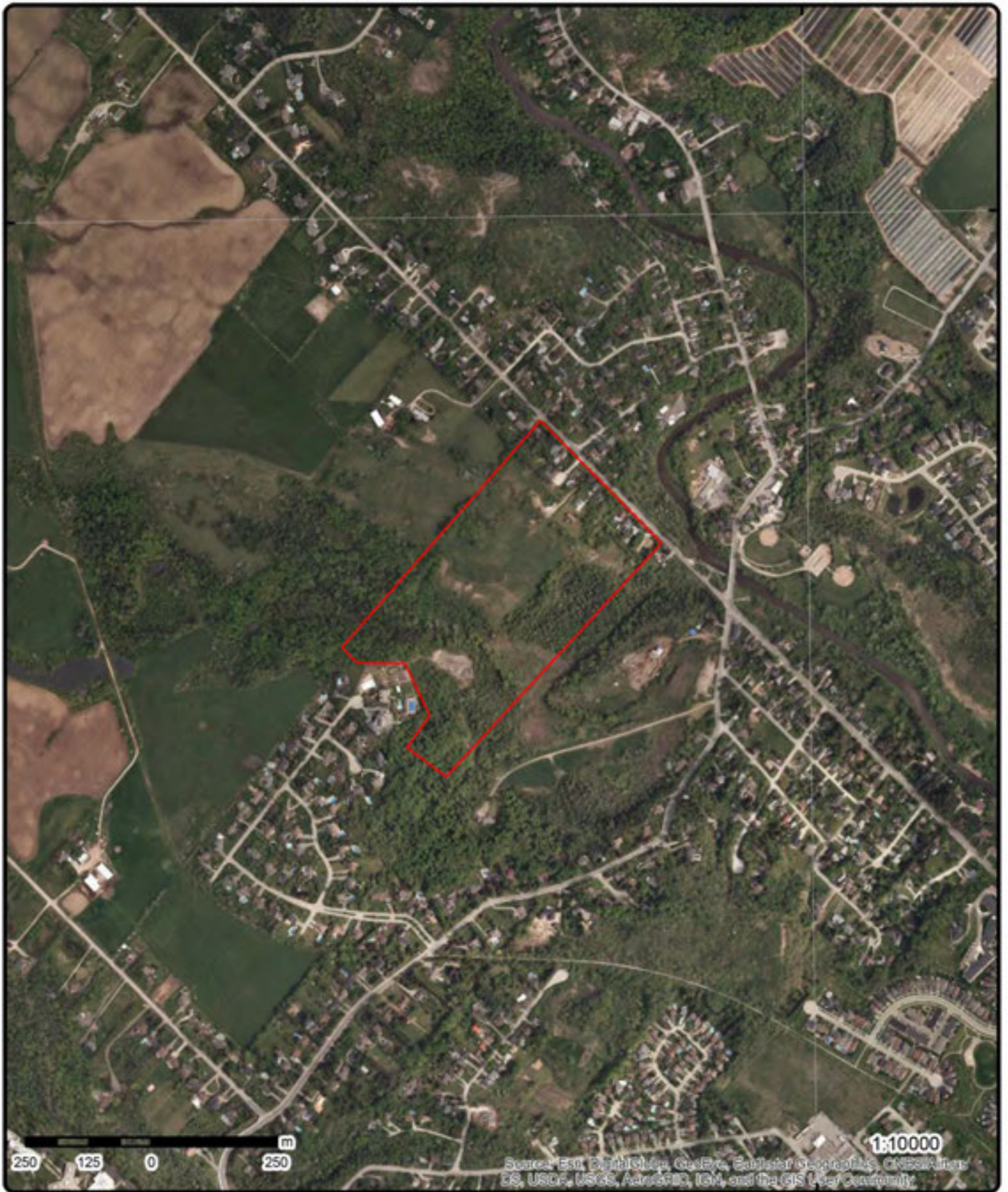
Map : 0.3 Kilometer Radius

Order No: 20190304086

Address: 86 Confederation Street, Georgetown, ON, L7G 3R8



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



Aerial (2017)

Address: 86 Confederation Street, Georgetown, ON, L7G 3R8

Source: ESRI World Imagery

Order No: 20190304086



© ERIS Information Limited Partnership

79°57'W

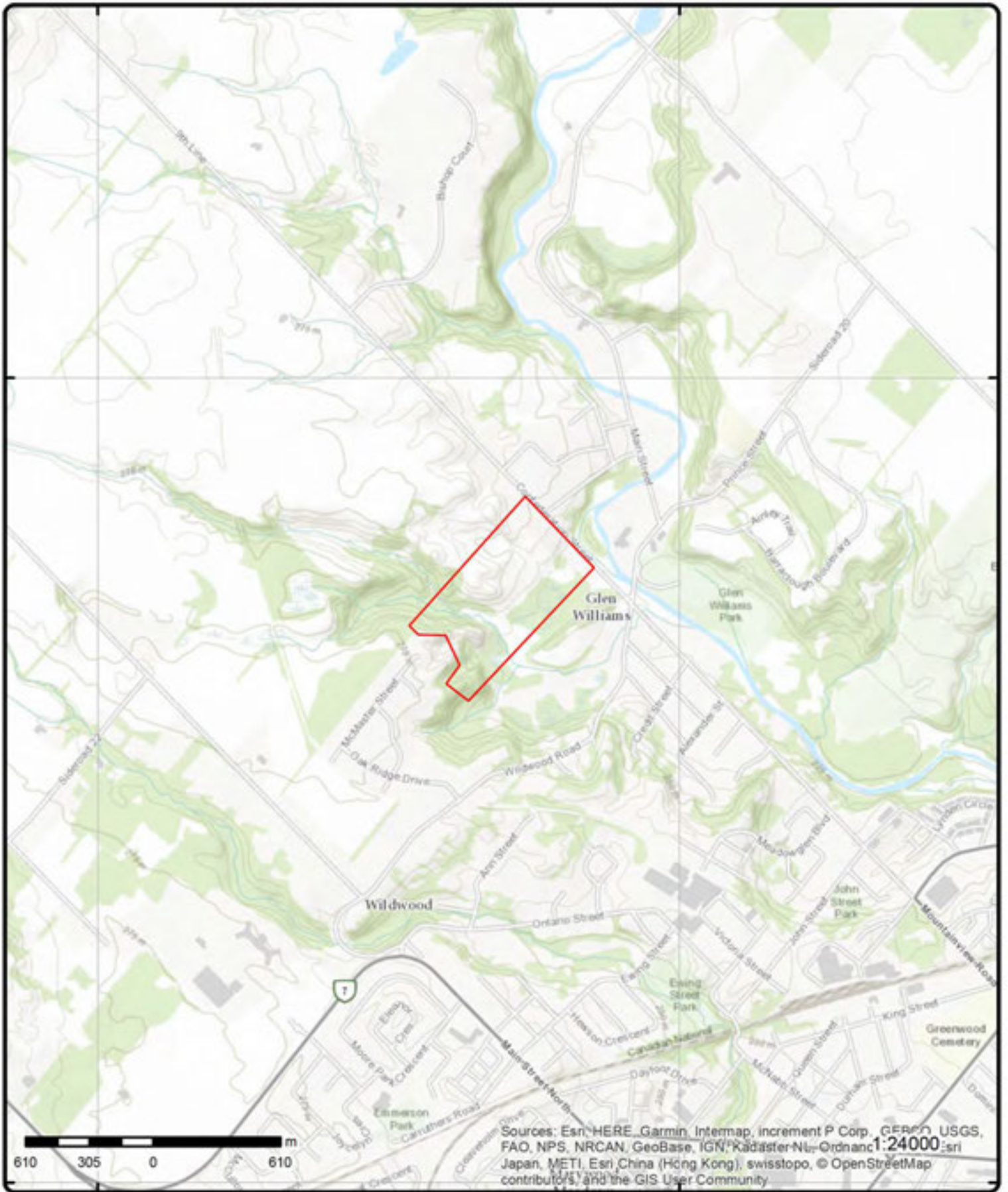
79°55'30"W

43°40'30"N

43°40'30"N

43°39'N

43°39'N



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

Topographic Map

Address: 86 Confederation Street, Georgetown, ON, L7G 3R8

Source: ESRI World Topographic Map

Order No: 20190304086



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	-0.0	246.4 / -0.04	Confederation Street Halton Hills (Georgetown) ON	EHS
Order No: 20110303025 Status: C Report Type: Custom Report Report Date: 3/10/2011 Date Received: 3/3/2011 12:23:08 PM Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Glencrescent Drive Municipality: Client Prov/State: ON Search Radius (km): 0.25 X: -79.932923 Y: 43.668122			

<u>2</u>	1 of 1	-0.0	236.3 / -10.12	ON	WWIS
Well ID: 2801681 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: 1 Date Received: 1/2/1963 Selected Flag: Yes Abandonment Rec: Contractor: 1309 Form Version: 1 Owner: Street Name: County: HALTON Municipality: HALTON HILLS TOWN (GEORGETOWN) Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10148235 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 18-OCT-62 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:		Elevation: 235.72 Elevrc: Zone: 17 East83: 586054.4 North83: 4835463 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4			

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931426263
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 09
 Other Materials: MEDIUM SAND
 Mat3:
 Other Materials:
 Formation Top Depth: 1
 Formation End Depth: 12
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931426264
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 06
 Other Materials: SILT
 Mat3:
 Other Materials:
 Formation Top Depth: 12
 Formation End Depth: 21
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931426262
 Layer: 1
 Color: 8
 General Color: BLACK
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 1
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931426265
 Layer: 4
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		21			
Formation End Depth:		24			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801681			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696805			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930252174			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		24			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930252173			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801681			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		12			
Recommended Pump Depth:		20			
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	4				
Pumping Duration MIN:	0				
Flowing:	N				
Water Details					
Water ID:	933603499				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	22				
Water Found Depth UOM:	ft				

3 1 of 1 -0.0 249.9 / 3.41 lot 21 con 9 ON WWIS

Well ID:	2801403	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/3/1957
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4838
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	09
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10147957	Elevation:	250.31
DP2BR:	70	Elelrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586134.4
Code OB Desc:	Bedrock	North83:	4835873
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	20-JUL-56	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931425296
Layer:	3
Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:			07		
Other Materials:			QUICKSAND		
Mat3:					
Other Materials:					
Formation Top Depth:			40		
Formation End Depth:			70		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425295		
Layer:			2		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:			05		
Other Materials:			CLAY		
Mat3:					
Other Materials:					
Formation Top Depth:			10		
Formation End Depth:			40		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425294		
Layer:			1		
Color:					
General Color:					
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			10		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425297		
Layer:			4		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			70		
Formation End Depth:			87		
Formation End Depth UOM:			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801403			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696527			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251720			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251721			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		87			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801403			
Pump Set At:					
Static Level:		60			
Final Level After Pumping:		87			
Recommended Pump Depth:					
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933603157			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	82				
Water Found Depth UOM:	ft				
Water Details					
Water ID:	933603158				
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	85				
Water Found Depth UOM:	ft				

4	1 of 1	N/9.5	251.5 / 5.02	lot 22 con 9 ON	WWIS
Well ID:	2804259			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/24/1973
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1660
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information					
Bore Hole ID:	10150781			Elevation:	250.93
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	586114.4
Code OB Desc:	Overburden			North83:	4835923
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	07-APR-73			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock Materials Interval					
Formation ID:	931435138				
Layer:	3				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		65			
Formation End Depth:		66			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931435136			
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931435137			
Layer:		2			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		35			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962804259			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10699351			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930256363			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		66			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Results of Well Yield Testing					
Pump Test ID:		992804259			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:		55			
Recommended Pump Depth:		55			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		7			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
Draw Down & Recovery					
Pump Test Detail ID:		934964199			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		55			
Test Level UOM:		ft			
Water Details					
Water ID:		933607043			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		66			
Water Found Depth UOM:		ft			

5

1 of 1

NNE/22.9

247.5 / 1.03

lot 21 con 9
ON

WWIS

Well ID:	2807313	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	7/10/1989
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4868
Casing Material:		Form Version:	1
Audit No:	41675	Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10153574			Elevation:	247.15
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	586206.4
Code OB Desc:	Overburden			North83:	4835876
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	3
Date Completed:	24-JUN-89			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	gps
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931446765				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	08				
Other Materials:	SILT				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	36				
Formation End Depth:	39				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931446763				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	1				
Formation End Depth:	4				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931446762			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931446767			
Layer:		6			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Other Materials:		SILT			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		44			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931446768			
Layer:		7			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		45			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931446764			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931446766			
Layer:		5			
Color:		7			
General Color:		RED			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Other Materials:		SAND			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		39			
Formation End Depth:		44			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933139695			
Layer:		1			
Plug From:		0			
Plug To:		10			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962807313			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10702144			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930261207			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		53			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930261208			
Layer:		3			
Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:					
Depth From:					
Depth To:		55			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Construction Record - Casing					
Casing ID:		930261206			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		23			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Results of Well Yield Testing					
Pump Test ID:		992807313			
Pump Set At:					
Static Level:		38			
Final Level After Pumping:					
Recommended Pump Depth:		42			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
Water Details					
Water ID:		933610810			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		44			
Water Found Depth UOM:		ft			

<u>6</u>	1 of 2	N/32.1	252.4 / 5.96	WILLIAM VAN RYN 120 CONFEDERATION ST GEORGETOWN ON L7G 3R9	PES
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Licence No:	00707	Operator Box:	
Detail Licence No:	02-01-00707-0	Operator Class:	
Licence Type Code:	02	Operator No:	
Licence Type:	Operator	Operator Type:	
Licence Class:	01	Operator Lot:	
Licence Control:	0	Oper Concession:	
Trade Name:		Operator Region:	3
Post Office Box:		Operator District:	
Lot:		Operator County:	28
Concession:		Oper Phone Area Cd:	
Region:	3	Ext:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
District: County:	28			Oper Phone No: Proponent Ext:	
<u>6</u>	2 of 2	N/32.1	252.4 / 5.96	VAN RYN WILLIAM 120 CONFEDERATION ST GLEN WILLIAMS ON LTG 3R9	PES
Licence No: Detail Licence No: Licence Type Code: Licence Type: Licence Class: Licence Control: Trade Name: Post Office Box: Lot: Concession: Region: District: County:	Operator			Operator Box: Operator Class: Operator No: Operator Type: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Oper Phone Area Cd: Ext: Oper Phone No: Proponent Ext:	
<u>7</u>	1 of 1	NNE/33.3	250.7 / 4.29	lot 21 con 10 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	2801471 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/22/1950 Yes 4838 1 HALTON HALTON HILLS TOWN (ESQUESING) 021 10 CON
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:	10148025 67 r Bedrock 15-JAN-50			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	250.55 17 586159.4 4835938 4 margin of error : 30 m - 100 m p4

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

Overburden and Bedrock Materials Interval

Formation ID: 931425513
 Layer: 3
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 67
 Formation End Depth: 92
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425511
 Layer: 1
 Color:
 General Color:
 Mat1: 24
 Most Common Material: PREV. DRILLED
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 30
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425512
 Layer: 2
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 05
 Other Materials: CLAY
 Mat3: 09
 Other Materials: MEDIUM SAND
 Formation Top Depth: 30
 Formation End Depth: 67
 Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962801471
 Method Construction Code: 1
 Method Construction: Cable Tool
 Other Method Construction:

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10696595			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251823			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		92			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251822			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		67			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251821			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801471			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			

Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933603251			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90			
Water Found Depth UOM:		ft			

8	1 of 1	NNE/36.9	251.5 / 5.05	lot 22 con 10 ON	WWIS
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Well ID:	2801488	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/26/1952
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4838
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10148042	Elevation:	251.25
DP2BR:	49	Eleirc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586139.4
Code OB Desc:	Bedrock	North83:	4835958
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	31-MAR-52	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931425576
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:		49			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425577			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		49			
Formation End Depth:		94			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801488			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696612			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251855			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		49			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251856			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		94			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		992801488			
Pump Set At:					
Static Level:	30				
Final Level After Pumping:	55				
Recommended Pump Depth:					
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	30				
Flowing:	N				
Water Details					
Water ID:		933603272			
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	94				
Water Found Depth UOM:	ft				

<u>9</u>	1 of 1	NE/37.1	244.3 / -2.14	lot 21 con 10 ON	WWIS
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Well ID:	2803714	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	3/2/1972
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1660
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10150246	Elevation:	245
DP2BR:	69	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586244.4
Code OB Desc:	Bedrock	North83:	4835858
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10-JUL-71	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931432970
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 11
 Other Materials: GRAVEL
 Mat3:
 Other Materials:
 Formation Top Depth: 1
 Formation End Depth: 32
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931432972
 Layer: 4
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 69
 Formation End Depth: 73
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931432969
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 1
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931432971
 Layer: 3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		32			
Formation End Depth:		69			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962803714			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698816			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930255500			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		69			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255501			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		73			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803714			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		63			
Recommended Pump Depth:		68			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934710431			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934451229			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		41			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934970745			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		63			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934176599			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		38			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933606235			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		71			
Water Found Depth UOM:		ft			

10	1 of 1	SSW/43.0	247.8 / 1.35	lot 21 con 9 ON	WWIS
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Well ID:	2807157	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:		Date Received:	2/23/1989
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3372
Casing Material:		Form Version:	1
Audit No:	31529	Owner:	
Tag:		Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10153419	Elevation:	246.88
DP2BR:	30	Elelrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	585917.4
Code OB Desc:	Bedrock	North83:	4835177
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	21-SEP-88	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931446063
Layer:	2
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931446064
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	40
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931448065			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		56			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931448062			
Layer:		1			
Color:		8			
General Color:		BLACK			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933139678			
Layer:		2			
Plug From:		3			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933139677			
Layer:		1			
Plug From:		0			
Plug To:		3			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962807157			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10701989			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930260920			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		25			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992807157			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		20			
Recommended Pump Depth:		4			
Pumping Rate:		25			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		3			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934177888			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934451887			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934972014			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		20			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934710616				
Test Type:	Recovery				
Test Duration:	45				
Test Level:	20				
Test Level UOM:	ft				
11	1 of 2	NE/47.8	242.8 / -3.69	lot 21 con 10 ON	WWIS
Well ID:	2803298			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/14/1970
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1612
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10149840			Elevation:	243.4
DP2BR:	65			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586264.4
Code OB Desc:	Bedrock			North83:	4835853
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	25-OCT-69			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931431516				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	09				
Other Materials:	MEDIUM SAND				
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:	1				
Formation End Depth:	33				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931431515				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931431518				
Layer:	4				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	65				
Formation End Depth:	91				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931431517				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:	12				
Other Materials:	STONES				
Mat3:					
Other Materials:					
Formation Top Depth:	33				
Formation End Depth:	65				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	962803298				
Method Construction Code:	1				
Method Construction:	Cable Tool				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 10698410
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930254838
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 66
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930254839
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 91
 Casing Diameter:
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992803298
 Pump Set At:
 Static Level: 48
 Final Level After Pumping: 85
 Recommended Pump Depth: 87
 Pumping Rate: 3
 Flowing Rate:
 Recommended Pump Rate: 3
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 2
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934450094
 Test Type: Draw Down
 Test Duration: 30
 Test Level: 70
 Test Level UOM: ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934709298					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 83					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934969606					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 85					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934166565					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 59					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933605667					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 91					
Water Found Depth UOM: ft					

11	2 of 2	NE/47.8	242.8 / -3.69	lot 21 con 10 ON	WWIS
Well ID: 2802997					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10149542					
DP2BR: 67					
Spatial Status:					
Code OB: r					
Data Entry Status:					
Data Src: 1					
Date Received: 10/10/1968					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1612					
Form Version: 1					
Owner:					
Street Name:					
County: HALTON					
Municipality: HALTON HILLS TOWN (ESQUESING)					
Site Info:					
Lot: 021					
Concession: 10					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Elevation: 243.4					
Elevr:					
Zone: 17					
East83: 586264.4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	4835853
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	04-SEP-68			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931430395
 Layer: 3
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 67
 Formation End Depth: 90
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931430393
 Layer: 1
 Color:
 General Color:
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 2
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931430394
 Layer: 2
 Color:
 General Color:
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2: 05
 Other Materials: CLAY
 Mat3: 11
 Other Materials: GRAVEL
 Formation Top Depth: 2
 Formation End Depth: 67
 Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Method of Construction & Well Use

Method Construction ID: 962802997
 Method Construction Code: 1
 Method Construction: Cable Tool
 Other Method Construction:

Pipe Information

Pipe ID: 10698112
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930254379
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 69
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930254380
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 90
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992802997
 Pump Set At:
 Static Level: 58
 Final Level After Pumping: 80
 Recommended Pump Depth: 85
 Pumping Rate: 3
 Flowing Rate:
 Recommended Pump Rate: 3
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 30
 Flowing: N

Water Details

Water ID: 933605248

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			
12	1 of 3	NNE/58.6	250.9 / 4.42	William Van Ryn, Susan Van Ryn 121 Confederation ST Glen Williams ON L7G 3S1	ECA
Approval No:	L-240-8034783928			MOE District:	Halton-Peel
Approval Date:	2018-11-30			City:	
Status:	Active			Longitude:	-79.93111111
Record Type:	PEST			Latitude:	43.67166667
Link Source:	PEST			Geometry X:	-8897890.5874
SWP Area Name:	Credit Valley			Geometry Y:	5414771.640100002
Approval Type:	PEST-Operator				
Project Type:	Operator				
Address:	121 Confederation ST				
Full Address:					
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2107814				
12	2 of 3	NNE/58.6	250.9 / 4.42	WILLIAM VAN RYN 121 CONFEDERATION ST GEORGETOWN ON L7G3S1	PES
Licence No:	00707			Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:	02			Operator No:	
Licence Type:	Active Operator Licence			Operator Type:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Trade Name:				Operator Region:	3
Post Office Box:				Operator District:	
Lot:				Operator County:	28
Concession:				Oper Phone Area Cd:	905
Region:	3			Ext:	
District:				Oper Phone No:	8772594
County:	28			Proponent Ext:	
12	3 of 3	NNE/58.6	250.9 / 4.42	WILLIAM VAN RYN 121 CONFEDERATION ST GEORGETOWN ON L7G 3S1	PES
Licence No:				Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:	02			Operator No:	
Licence Type:	Operator			Operator Type:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	
Region:				Ext:	
District:				Oper Phone No:	
County:				Proponent Ext:	
13	1 of 1	N/59.8	255.1 / 8.68	lot 22 con 9 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	2801418			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:				Date Received:	8/29/1968
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Supply			Abandonment Rec:	
Water Type:				Contractor:	1613
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10147972			Elevation:	252.76
DP2BR:	64			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586069.4
Code OB Desc:	Bedrock			North83:	4835948
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06-JUN-66			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931425339				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	2				
Formation End Depth:	43				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931425340				
Layer:	3				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:			05		
Other Materials:			CLAY		
Mat3:					
Other Materials:					
Formation Top Depth:			43		
Formation End Depth:			64		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425341		
Layer:			4		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			64		
Formation End Depth:			200		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425338		
Layer:			1		
Color:					
General Color:					
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			2		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			962801418		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10696542		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930251743			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

[14](#) 1 of 1 NNE/61.7 248.4 / 1.92 lot 21 con 10 ON WWIS

Well ID:	2802943	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/4/1968
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3414
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10149489	Elevation:	249.19
DP2BR:	58	Elelrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586214.4
Code OB Desc:	Bedrock	North83:	4835923
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	29-AUG-68	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931430205
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
<i>Other Materials:</i>					
Formation Top Depth:		58			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931430202			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
<i>Other Materials:</i>					
Formation Top Depth:		0			
Formation End Depth:		9			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931430204			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		41			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931430203			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
<i>Other Materials:</i>					
Formation Top Depth:		9			
Formation End Depth:		41			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
Method Construction ID:		962802943			
Method Construction Code:		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					
<u><i>Pipe Information</i></u>					
<i>Pipe ID:</i>		10698059			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u><i>Construction Record - Casing</i></u>					
<i>Casing ID:</i>		930254295			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		60			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u><i>Construction Record - Casing</i></u>					
<i>Casing ID:</i>		930254296			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		85			
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u><i>Results of Well Yield Testing</i></u>					
<i>Pump Test ID:</i>		992802943			
<i>Pump Set At:</i>					
<i>Static Level:</i>		47			
<i>Final Level After Pumping:</i>		80			
<i>Recommended Pump Depth:</i>		80			
<i>Pumping Rate:</i>		3			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		3			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			
<u><i>Water Details</i></u>					
<i>Water ID:</i>		933605158			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		63			
<i>Water Found Depth UOM:</i>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
15	1 of 1	NNE/62.2	251.2 / 4.73	lot 21 con 10 ON	WWIS

Well ID:	2805284	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/16/1978
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4640
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10151781	Elevation:	251.2
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	586164.4
Code OB Desc:	Overburden	North83:	4835973
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12-SEP-77	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931439102
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	30
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931439101			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		26			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931439099			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		5			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931439100			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		20			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931439098			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962805284			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700351			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930258022			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		30			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930258023			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		38			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805284			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		30			
Recommended Pump Depth:		36			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933608462			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		30			
Water Found Depth UOM:		ft			

16	1 of 1	N/63.6	255.1 / 8.68	lot 22 con 9 ON	WWIS
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Well ID:	2801420	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/6/1966
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1307
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	09
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10147974	Elevation:	252.96
DP2BR:		Elelvc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	586064.4
Code OB Desc:	Overburden	North83:	4835948
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	03-AUG-66	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931425349
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:			15		
Formation End Depth:			26		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425347		
Layer:			2		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			4		
Formation End Depth:			10		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425351		
Layer:			6		
Color:			7		
General Color:			RED		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			12		
Other Materials:			STONES		
Mat3:					
Other Materials:					
Formation Top Depth:			27		
Formation End Depth:			39		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425346		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			4		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425350		
Layer:			5		
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		26			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425348			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		962801420			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696544			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251746			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		39			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801420			
Pump Set At:					
Static Level:		26			
Final Level After Pumping:					
Recommended Pump Depth:		37			
Pumping Rate:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:	1				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	N				
Water Details					
Water ID:	933603177				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	26				
Water Found Depth UOM:	ft				

17	1 of 1	NNE/65.1	250.9 / 4.47	lot 21 con 10 ON	WWIS
Well ID: 2801477					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src: 1					
Date Received: 1/3/1957					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 4838					
Form Version: 1					
Owner:					
Street Name:					
County: HALTON					
Municipality: HALTON HILLS TOWN (ESQUESING)					
Site Info:					
Lot: 021					
Concession: 10					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Bore Hole Information					
Bore Hole ID: 10148031					
DP2BR: 58					
Spatial Status:					
Code OB: r					
Code OB Desc: Bedrock					
Open Hole:					
Cluster Kind:					
Date Completed: 08-OCT-56					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation: 250.76					
Elevrc:					
Zone: 17					
East83: 586179.4					
North83: 4835963					
Org CS:					
UTMRC: 4					
UTMRC Desc: margin of error : 30 m - 100 m					
Location Method: p4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425536		
Layer:			4		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			58		
Formation End Depth:			78		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425535		
Layer:			3		
Color:					
General Color:					
Mat1:			07		
Most Common Material:			QUICKSAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			40		
Formation End Depth:			58		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425534		
Layer:			2		
Color:					
General Color:					
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			11		
Other Materials:			GRAVEL		
Mat3:					
Other Materials:					
Formation Top Depth:			7		
Formation End Depth:			40		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931425533		
Layer:			1		
Color:					
General Color:					
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:					
Other Materials:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		7			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801477			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696601			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251835			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		62			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251836			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		78			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801477			
Pump Set At:					
Static Level:		28			
Final Level After Pumping:		40			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		30			
Flowing:		N			

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

Water ID: 933603259
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 66
 Water Found Depth UOM: ft

Water Details

Water ID: 933603261
 Layer: 3
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 75
 Water Found Depth UOM: ft

Water Details

Water ID: 933603260
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 72
 Water Found Depth UOM: ft

<u>18</u>	1 of 1	NNW/66.7	260.7 / 14.29	lot 22 con 9 ON	WWIS
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Well ID: 2801417
 Construction Date:
 Primary Water Use: Domestic
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:
 Tag:
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:
 Flowing (Y/N):
 Flow Rate:
 Clear/Cloudy:

Data Entry Status:
 Data Src: 1
 Date Received: 1/27/1968
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 1307
 Form Version: 1
 Owner:
 Street Name:
 County: HALTON
 Municipality: HALTON HILLS TOWN (ESQUESING)
 Site Info:
 Lot: 022
 Concession: 09
 Concession Name: CON
 Easting NAD83:
 Northing NAD83:
 Zone:
 UTM Reliability:

Bore Hole Information

Bore Hole ID: 10147971
 DP2BR:
 Spatial Status:
 Code OB: 0
 Code OB Desc: Overburden
 Open Hole:
 Cluster Kind:
 Date Completed: 18-JAN-66

Elevation: 265.94
 Elevrc:
 Zone: 17
 East83: 585994.4
 North83: 4835873
 Org CS:
 UTMRC: 4
 UTMRC Desc: margin of error : 30 m - 100 m

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

Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931425336
 Layer: 4
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 20
 Formation End Depth: 32
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425335
 Layer: 3
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 10
 Formation End Depth: 20
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425334
 Layer: 2
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 3
 Formation End Depth: 10
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931425333			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425337			
Layer:		5			
Color:		8			
General Color:		BLACK			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		32			
Formation End Depth:		34			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801417			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696541			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251742			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		34			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801417			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		20			
Final Level After Pumping:					
Recommended Pump Depth:	31				
Pumping Rate:	1				
Flowing Rate:					
Recommended Pump Rate:	1				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:	933603175				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	34				
Water Found Depth UOM:	ft				

<u>19</u>	1 of 1	N/67.4	255.6 / 9.14	lot 22 con 9 ON	WWIS
Well ID:	2801419			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/29/1968
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1613
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10147973			Elevation:	253.17
DP2BR:	73			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586059.4
Code OB Desc:	Bedrock			North83:	4835948
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	14-JUN-66			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425342			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425344			
Layer:		3			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		38			
Formation End Depth:		73			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425345			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		73			
Formation End Depth:		118			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425343			
Layer:		2			
Color:					
General Color:					
Mat1:		05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801419			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696543			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251745			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		118			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251744			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		74			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801419			
Pump Set At:					
Static Level:		44			
Final Level After Pumping:		54			
Recommended Pump Depth:		113			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
Water Details					
Water ID:	933603176				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	110				
Water Found Depth UOM:	ft				

<u>20</u>	1 of 1	NNW/72.8	259.9 / 13.49	lot 22 con 9 ON	WWIS
Well ID:	2801416			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Livestock			Date Received:	9/29/1964
Sec. Water Use:	Domestic			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4101
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clean/Cloudy:					

Bore Hole Information

Bore Hole ID:	10147970	Elevation:	262.21
DP2BR:	98	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	585964.4
Code OB Desc:	Bedrock	North83:	4835848
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	24-APR-64	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931425332
Layer:	4
Color:	7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		98			
Formation End Depth:		120			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425330			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		4			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425331			
Layer:		3			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		98			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425329			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962801416				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10696540				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930251741				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	120				
Casing Diameter:	7				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930251740				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	101				
Casing Diameter:	7				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	992801416				
Pump Set At:					
Static Level:	72				
Final Level After Pumping:	115				
Recommended Pump Depth:	115				
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:	3				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	4				
Pumping Duration MIN:	0				
Flowing:	N				
<u>Water Details</u>					
Water ID:	933603174				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	115				
Water Found Depth UOM:	ft				

21	1 of 1	E/99.2	231.0 / -15.47	lot 21 con 9 ON	WWIS
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Well ID:	2803574	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	7/5/1971
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Abandoned-Supply	Abandonment Rec:	
Water Type:		Contractor:	2517
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	09
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10150110	Elevation:	233.97
DP2BR:	20	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586414.4
Code OB Desc:	Bedrock	North83:	4835583
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	13-FEB-70	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931432529
Layer:	5
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	21
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931432525			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931432527			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		06			
Other Materials:		SILT			
Formation Top Depth:		10			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931432526			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931432528			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		06			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Other Materials:</i>		SILT			
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>	16				
<i>Formation End Depth:</i>	20				
<i>Formation End Depth UOM:</i>	ft				
 <u><i>Method of Construction & Well Use</i></u>					
<i>Method Construction ID:</i>	962803574				
<i>Method Construction Code:</i>	1				
<i>Method Construction:</i>	Cable Tool				
<i>Other Method Construction:</i>					
 <u><i>Pipe Information</i></u>					
<i>Pipe ID:</i>	10698680				
<i>Casing No:</i>	1				
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u><i>Construction Record - Casing</i></u>					
<i>Casing ID:</i>	930255270				
<i>Layer:</i>	1				
<i>Material:</i>	1				
<i>Open Hole or Material:</i>	STEEL				
<i>Depth From:</i>					
<i>Depth To:</i>	13				
<i>Casing Diameter:</i>	8				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				
 <u><i>Construction Record - Screen</i></u>					
<i>Screen ID:</i>	933338817				
<i>Layer:</i>	1				
<i>Slot:</i>	100				
<i>Screen Top Depth:</i>	13				
<i>Screen End Depth:</i>	17				
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>	ft				
<i>Screen Diameter UOM:</i>	inch				
<i>Screen Diameter:</i>	8				
 <u><i>Results of Well Yield Testing</i></u>					
<i>Pump Test ID:</i>	992803574				
<i>Pump Set At:</i>					
<i>Static Level:</i>	4				
<i>Final Level After Pumping:</i>	16				
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>	2				
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>	ft				
<i>Rate UOM:</i>	GPM				
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>	17				
<i>Pumping Test Method:</i>	2				
<i>Pumping Duration HR:</i>	4				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934450703			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934970220			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		16			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934167172			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934709907			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		16			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933606041			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		4			
Water Found Depth UOM:		ft			

22 1 of 1 N/100.7 253.5 / 7.10 lot 22 con 10 ON **WWIS**

Well ID:	2804121	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	5/10/1973
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3637
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	10

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10150645			Elevation: 253.17 Elevrc: Zone: 17 East83: 586114.4 North83: 4836023 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931434614	6			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931434609	1	6	BROWN	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931434613			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		16			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931434612			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Other Materials:		SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		13			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931434615			
Layer:		7			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		31			
Formation End Depth:		36			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931434611			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		10			
Most Common Material:		COARSE SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		13			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Formation End Depth UOM:</i>		ft			
<u>Overburden and Bedrock Materials Interval</u>					
<i>Formation ID:</i>	931434616				
<i>Layer:</i>	8				
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>	11				
<i>Most Common Material:</i>	GRAVEL				
<i>Mat2:</i>	12				
<i>Other Materials:</i>	STONES				
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>	36				
<i>Formation End Depth:</i>	37				
<i>Formation End Depth UOM:</i>	ft				
<u>Overburden and Bedrock Materials Interval</u>					
<i>Formation ID:</i>	931434610				
<i>Layer:</i>	2				
<i>Color:</i>	6				
<i>General Color:</i>	BROWN				
<i>Mat1:</i>	09				
<i>Most Common Material:</i>	MEDIUM SAND				
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>	1				
<i>Formation End Depth:</i>	12				
<i>Formation End Depth UOM:</i>	ft				
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>	962804121				
<i>Method Construction Code:</i>	6				
<i>Method Construction:</i>	Boring				
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>	10699215				
<i>Casing No:</i>	1				
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	930256154				
<i>Layer:</i>	2				
<i>Material:</i>	2				
<i>Open Hole or Material:</i>	GALVANIZED				
<i>Depth From:</i>					
<i>Depth To:</i>	37				
<i>Casing Diameter:</i>	32				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930256153			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		34			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804121			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		34			
Recommended Pump Depth:		35			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934177744			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		34			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934452371			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		34			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934971885			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		34			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934711562			
Test Type:		Draw Down			
Test Duration:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		34			
Test Level UOM:		ft			
Water Details					
Water ID:		933606839			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		32			
Water Found Depth UOM:		ft			

<u>23</u>	1 of 1	NNE/101.3	252.8 / 6.37	lot 21 con 10 ON	WWIS
Well ID:	2802998			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/10/1968
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1612
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10149543	Elevation:	252.54
DP2BR:	54	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586144.4
Code OB Desc:	Bedrock	North83:	4836023
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	18-JUL-68	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931430397
Layer:	2
Color:	6
General Color:	BROWN
Matf:	09

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		MEDIUM SAND			
Other Materials:		11			
Mat3:		GRAVEL			
Other Materials:		05			
Formation Top Depth:		CLAY			
Formation End Depth:		1			
Formation End Depth UOM:		54			
		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931430398			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		54			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931430396			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962802998			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698113			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254381			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:					
Open Hole or Material:		STEEL			
Depth From:					
Depth To:	56				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
Construction Record - Casing					
Casing ID:		930254382			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:	90				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
Results of Well Yield Testing					
Pump Test ID:		992802998			
Pump Set At:					
Static Level:	45				
Final Level After Pumping:	54				
Recommended Pump Depth:	85				
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:	4				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
Water Details					
Water ID:		933605249			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:	85				
Water Found Depth UOM:	ft				

24 1 of 1 ENE/125.6 229.9 / -16.54 lot 21 con 10 ON WWIS

Well ID:	2801473	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/9/1953
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4838
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10148027			Elevation:	231.66
DP2BR:	41			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586494.4
Code OB Desc:	Bedrock			North83:	4835673
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	09-APR-53			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931425518				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	05				
Other Materials:	CLAY				
Mat3:					
Other Materials:					
Formation Top Depth:	10				
Formation End Depth:	41				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931425517				
Layer:	1				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425519			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		41			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801473			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696597			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251828			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251827			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		41			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801473			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:					
Pumping Rate:	5				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	N				
Water Details					
Water ID:	933603253				
Layer:	1				
Kind Code:	4				
Kind:	MINERIAL				
Water Found Depth:	63				
Water Found Depth UOM:	ft				

25	1 of 1	NNE/146.5	248.5 / 2.05	lot 21 con 10 ON	WWIS
Well ID: 2807179					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: 16463					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src: 1					
Date Received: 2/7/1989					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1660					
Form Version: 1					
Owner:					
Street Name:					
County: HALTON					
Municipality: HALTON HILLS TOWN (ESQUESING)					
Site Info:					
Lot: 021					
Concession: 10					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information					
Bore Hole ID: 10153441					
DP2BR: 67					
Spatial Status:					
Code OB: r					
Code OB Desc: Bedrock					
Open Hole:					
Cluster Kind:					
Date Completed: 06-MAY-88					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation: 249.82					
Elevrc:					
Zone: 17					
East83: 586247.4					
North83: 4836010					
Org CS:					
UTMRC: 3					
UTMRC Desc: margin of error : 10 - 30 m					
Location Method: gps					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931446153			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931446154			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		32			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931446155			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		32			
Formation End Depth:		66			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931446156			
Layer:		4			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		GRAVEL			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		66			
Formation End Depth:		67			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931446157			
Layer:		5			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		26			
Other Materials:		ROCK			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		67			
Formation End Depth:		91			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962807179			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10702011			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930260959			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		68			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930260960			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		91			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992807179			
Pump Set At:					
Static Level:		46			
Final Level After Pumping:		85			
Recommended Pump Depth:		88			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934177906			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		85			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934451905			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		85			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934972032			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		85			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934711051			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		85			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933610642			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		88			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
26	1 of 1	NNE/147.9	248.5 / 2.05	lot 21 con 10 ON	WWIS
Well ID: 2806818 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: 07751 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: 1 Date Received: 1/20/1988 Selected Flag: Yes Abandonment Rec: Contractor: 4868 Form Version: 1 Owner: Street Name: County: HALTON Municipality: HALTON HILLS TOWN (ESQUESING) Site Info: Lot: 021 Concession: 10 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10153084 DP2BR: Spatial Status: Code OB: o Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 15-DEC-87 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 249.96 Elevrc: Zone: 17 East83: 586245.4 North83: 4836014 Org CS: UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: gps			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 931444485 Layer: 8 Color: 6 General Color: BROWN Mat1: 08 Most Common Material: SILT Mat2: 12 Other Materials: STONES Mat3: 85 Other Materials: SOFT Formation Top Depth: 38 Formation End Depth: 39 Formation End Depth UOM: ft					
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931444483			
Layer:		6			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		35			
Formation End Depth:		37			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931444478			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:		85			
Other Materials:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931444481			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		16			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931444482			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		13			
Other Materials:		BOULDERS			
Formation Top Depth:		25			
Formation End Depth:		35			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931444484				
Layer:	7				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	37				
Formation End Depth:	38				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931444480				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	12				
Most Common Material:	STONES				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:					
Other Materials:					
Formation Top Depth:	14				
Formation End Depth:	16				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931444479				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Other Materials:					
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	2				
Formation End Depth:	14				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962806818				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10701654			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930260351			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		38			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992806818			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:		36			
Recommended Pump Depth:		38			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934176786			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934450830			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		35			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933610217			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	1 of 1	SW/155.5	268.0 / 21.56	278310 ONTARIO LIMITED MCMASTER ST/THOMAS COURT HALTON HILLS TOWN ON	CA

Certificate #: 7-1218-97-
Application Year: 97
Issue Date: 11/24/1997
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

28	1 of 1	NNE/160.6	248.6 / 2.17	lot 21 con 10 ON	WWIS
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Well ID:	2801476	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/3/1957
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4838
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10148030	Elevation:	249.75
DP2BR:	51	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586254.4
Code OB Desc:	Bedrock	North83:	4836023
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	25-JUL-56	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931425529			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425531			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		46			
Formation End Depth:		51			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425532			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		51			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425530			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		30			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801476			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696600			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251833			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		56			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251834			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801476			
Pump Set At:					
Static Level:		40			
Final Level After Pumping:		42			
Recommended Pump Depth:					
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933603258			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933603257			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		72			
Water Found Depth UOM:		ft			

<u>29</u>	1 of 1	E/161.2	230.0 / -16.48	lot 21 con 9 ON	WWIS
Well ID:	2804278			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/8/1972
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3349
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<u>Bore Hole Information</u>					
Bore Hole ID:	10150800			Elevation:	230.7
DP2BR:	28			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586489.4
Code OB Desc:	Bedrock			North83:	4835573
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	24-APR-72			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931435198			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Other Materials:		BOULDERS			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		1			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931435199			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		28			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931435197			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		962804278			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10699370			
Casing No:		1			
Comment:					

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

Construction Record - Casing

Casing ID: 930256394
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 28
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930256395
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 50
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992804278
 Pump Set At:
 Static Level: 4
 Final Level After Pumping: 12
 Recommended Pump Depth: 45
 Pumping Rate: 6
 Flowing Rate:
 Recommended Pump Rate: 5
 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: N

Draw Down & Recovery

Pump Test Detail ID: 934452909
 Test Type: Draw Down
 Test Duration: 30
 Test Level: 12
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934712100
 Test Type: Draw Down
 Test Duration: 45
 Test Level: 12
 Test Level UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934178286
 Test Type: Draw Down
 Test Duration: 15
 Test Level: 12
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934964214
 Test Type: Draw Down
 Test Duration: 60
 Test Level: 12
 Test Level UOM: ft

Water Details

Water ID: 933607065
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 46
 Water Found Depth UOM: ft

<u>30</u>	1 of 1	NNE/164.2	250.8 / 4.31	lot 22 con 10 ON	WWIS
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Well ID:	2803269	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/14/1970
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1612
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10149811	Elevation:	251.89
DP2BR:	64	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586194.4
Code OB Desc:	Bedrock	North83:	4836073
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	15-OCT-69	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock
Materials Interval

Formation ID: 931431406
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 09
 Other Materials: MEDIUM SAND
 Mat3: 05
 Other Materials: CLAY
 Formation Top Depth: 0
 Formation End Depth: 21
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931431408
 Layer: 3
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 64
 Formation End Depth: 100
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931431407
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 09
 Other Materials: MEDIUM SAND
 Mat3:
 Other Materials:
 Formation Top Depth: 21
 Formation End Depth: 64
 Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 962803269
 Method Construction Code: 1
 Method Construction: Cable Tool

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Other Method Construction:

Pipe Information

Pipe ID: 10698381
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930254791
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 65
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930254792
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 100
 Casing Diameter:
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992803269
 Pump Set At:
 Static Level: 47
 Final Level After Pumping: 91
 Recommended Pump Depth: 85
 Pumping Rate: 4
 Flowing Rate:
 Recommended Pump Rate: 4
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 2
 Pumping Duration HR: 1
 Pumping Duration MIN: 30
 Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934709281
 Test Type: Draw Down
 Test Duration: 45
 Test Level: 90
 Test Level UOM: ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934166548					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 75					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934969585					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 91					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934450077					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 86					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933605624					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 97					
Water Found Depth UOM: ft					
31	1 of 1	ENE/170.3	230.9 / -15.57	lot 21 con 10 ON	WWIS
Well ID: 2806030					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10152384					
DP2BR: 47					
Spatial Status:					
Code OB: r					
Elevation: 230.52					
Elevarc:					
Zone: 17					
East83: 586519.4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	4835760
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	26-MAY-82			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	topo
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931441478
 Layer: 3
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 10
 Other Materials: COARSE SAND
 Mat3:
 Other Materials:
 Formation Top Depth: 46
 Formation End Depth: 47
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931441479
 Layer: 4
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 47
 Formation End Depth: 47
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931441477
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 28
 Other Materials: SAND
 Mat3:
 Other Materials:
 Formation Top Depth: 18
 Formation End Depth: 46
 Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931441476			
Layer:		1			
Color:					
General Color:					
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962806030			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700954			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930259031			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992806030			
Pump Set At:					
Static Level:		19			
Final Level After Pumping:		22			
Recommended Pump Depth:		42			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934969161			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		19			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934716574			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		19			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934449059			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		19			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934175100			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		19			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933609308			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		46			
Water Found Depth UOM:		ft			

32 1 of 1 E/172.8 228.4 / -18.03 GEORGETOWN ON WWIS

Well ID:	7108578	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	7/22/2008
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7238
Casing Material:		Form Version:	7
Audit No:	Z80490	Owner:	
Tag:	A070020	Street Name:	GLEN WILLIAMS PARK MAIN ST
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (GEORGETOWN)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 1001677129 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 14-JUL-08 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 229.72 Elevrc: Zone: 17 East83: 586535 North83: 4835632 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1001846281 Layer: 2 Color: 6 General Color: BROWN Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 27.5 Formation End Depth: 30 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1001846280 Layer: 1 Color: 6 General Color: BROWN Mat1: 28 Most Common Material: SAND Mat2: 11 Other Materials: GRAVEL Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 27.5 Formation End Depth UOM: ft					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1001846283 Layer: 1					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		0			
Plug To:		18			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001846289			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001846279			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001846285			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		20			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1001846286			
Layer:		1			
Slot:		10			
Screen Top Depth:		20			
Screen End Depth:		30			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1001846284			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1001846282			
Diameter:		6.25			
Depth From:		0			
Depth To:		30			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
33	1 of 1	N/173.2	258.1 / 11.67	lot 22 con 9 ON	WWIS

Well ID: 2802908
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/5/1968
Selected Flag: Yes
Abandonment Rec:
Contractor: 4919
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: HALTON HILLS TOWN (ESQUESING)
Site Info:
Lot: 022
Concession: 09
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10149454
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 06-AUG-68
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 257.03
Elevrc:
Zone: 17
East83: 585984.4
North83: 4836023
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931430090
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 09
Other Materials: MEDIUM SAND
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931430091			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		4			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962802908			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698024			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254241			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		28			
Casing Diameter:		36			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992802908			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:					
Recommended Pump Depth:		27			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933605099			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		18			
Water Found Depth UOM:		ft			

[34](#) 1 of 1 NE/175.1 234.2 / -12.29 lot 21 con 10 ON WWIS

Well ID:	2803151	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/8/1969
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1613
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10149693	Elevation:	234.9
DP2BR:	57	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586364.4
Code OB Desc:	Bedrock	North83:	4835933
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	04-JUN-69	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931430931
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:			19		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931430930		
Layer:			1		
Color:					
General Color:					
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			1		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931430933		
Layer:			4		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:			09		
Other Materials:			MEDIUM SAND		
Mat3:					
Other Materials:					
Formation Top Depth:			48		
Formation End Depth:			50		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931430935		
Layer:			6		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			57		
Formation End Depth:			85		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931430934		
Layer:			5		
Color:			6		
General Color:			BROWN		
Mat1:			09		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	50				
Formation End Depth:	57				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931430932				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	09				
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	19				
Formation End Depth:	48				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962803151				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10698263				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930254621				
Layer:	1				
Material:	1				
Open Hole or Material:		STEEL			
Depth From:					
Depth To:	59				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930254622				
Layer:	2				
Material:	4				
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:	85				
Casing Diameter:	5				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803151			
Pump Set At:					
Static Level:		48			
Final Level After Pumping:		63			
Recommended Pump Depth:		80			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933605469			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		78			
Water Found Depth UOM:		ft			

35	1 of 1	NNE/176.2	250.4 / 3.98	lot 21 con 10 ON	WWIS
Well ID:	2804466			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/27/1974
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3637
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10150984			Elevation:	250.92
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	586221.4
Code OB Desc:	Overburden			North83:	4836072

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole: Cluster Kind: Date Completed: 30-JUL-73 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Org CS: UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m p4
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931435993			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:		11			
Other Materials:		GRAVEL			
Formation Top Depth:		1			
Formation End Depth:		42			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931435992			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962804466			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10699554			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930256666			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		42			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804466			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		35			
Recommended Pump Depth:		41			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934453469			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934712661			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		10			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934964779			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		10			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934179410			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933607326			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			
<u>36</u>	1 of 2	E/182.8	228.8 / -17.70	R.M. OF HALTON - CONC. 9 & 10 CONFEDERATION ST./MAIN ST. HALTON HILLS TOWN ON	CA
Certificate #:		7-0536-92-			
Application Year:		92			
Issue Date:		6/10/1992			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>36</u>	2 of 2	E/182.8	228.8 / -17.70	R.M. OF HALTON - KAREN DRIVE CONFEDERATION ST./MAIN ST. HALTON HILLS TOWN ON	CA
Certificate #:		7-0686-92-			
Application Year:		92			
Issue Date:		7/9/1992			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
<u>37</u>	1 of 1	N/185.7	252.3 / 5.84	lot 22 con 10 ON	WWIS
Well ID:		2801492			
Construction Date:				Data Entry Status:	
Primary Water Use:		Domestic		Data Src:	1
Sec. Water Use:		0		Date Received:	5/12/1956
Final Well Status:		Water Supply		Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1718
Audit No:				Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	HALTON
Elevation Reliability:				Municipality:	HALTON HILLS TOWN (ESQUESING)
Depth to Bedrock:				Site Info:	
				Lot:	022

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10148046			Elevation:	254.81
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	o			East83:	586109.4
Code OB Desc:	Overburden			North83:	4836108
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	22-JAN-56			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931425587				
Layer:	3				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	25				
Formation End Depth:	50				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931425590				
Layer:	6				
Color:					
General Color:					
Mat1:	08				
Most Common Material:	FINE SAND				
Mat2:	11				
Other Materials:	GRAVEL				
Mat3:					
Other Materials:					
Formation Top Depth:	72				
Formation End Depth:	75				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931425588			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:		12			
Other Materials:		STONES			
Formation Top Depth:		50			
Formation End Depth:		70			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425585			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425586			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		5			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425589			
Layer:		5			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		70			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		72			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801492			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696616			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251863			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801492			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		45			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933603278			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		72			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	2803848			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/27/1972
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2643
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10150378	Elevation:	258.14
DP2BR:	63	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	585964.4
Code OB Desc:	Bedrock	North83:	4836023
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	30-SEP-71	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931433523
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	24
Formation End Depth:	51
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931433522
Layer:	2
Color:	3
General Color:	BLUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			1		
Formation End Depth:			24		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931433525		
Layer:			5		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			63		
Formation End Depth:			104		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931433524		
Layer:			4		
Color:					
General Color:					
Mat1:			07		
Most Common Material:			QUICKSAND		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			51		
Formation End Depth:			63		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931433521		
Layer:			1		
Color:					
General Color:					
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			0		
Formation End Depth:			1		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		962803848			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698948			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930255708			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255709			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		104			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803848			
Pump Set At:					
Static Level:		60			
Final Level After Pumping:		95			
Recommended Pump Depth:		102			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934710933			
Test Type:		Recovery			
Test Duration:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934177109			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		69			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934451736			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		61			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934971248			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933606415			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		102			
Water Found Depth UOM:		ft			

39 1 of 1 NNE/188.9 248.1 / 1.70 lot 21 con 10 ON WWIS

Well ID:	2805609	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/9/1981
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1413
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10152090			Elevation:	249.25
DP2BR:	62			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586274.4
Code OB Desc:	Bedrock			North83:	4836043
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06-JAN-81			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 931440340
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 28
 Most Common Material: SAND
 Mat2: 11
 Other Materials: GRAVEL
 Mat3: 68
 Other Materials: DRY
 Formation Top Depth: 3
 Formation End Depth: 27
 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931440342
 Layer: 4
 Color: 7
 General Color: RED
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 05
 Other Materials: CLAY
 Mat3: 06
 Other Materials: SILT
 Formation Top Depth: 56
 Formation End Depth: 60
 Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931440345
 Layer: 7
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2: 74
 Other Materials: LAYERED
 Mat3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Other Materials:</i>					
Formation Top Depth:			73		
Formation End Depth:			105		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931440339		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			02		
Other Materials:			TOPSOIL		
Mat3:			68		
Other Materials:			DRY		
Formation Top Depth:			0		
Formation End Depth:			3		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931440343		
Layer:			5		
Color:			7		
General Color:			RED		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			12		
Other Materials:			STONES		
Mat3:			73		
Other Materials:			HARD		
Formation Top Depth:			60		
Formation End Depth:			62		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931440344		
Layer:			6		
Color:			7		
General Color:			RED		
Mat1:			17		
Most Common Material:			SHALE		
Mat2:			66		
Other Materials:			DENSE		
Mat3:					
Other Materials:					
Formation Top Depth:			62		
Formation End Depth:			73		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931440341		
Layer:			3		
Color:			7		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		75			
Other Materials:		LIGHT-COLOURED			
Formation Top Depth:		27			
Formation End Depth:		56			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962805609			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700660			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930258539			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805609			
Pump Set At:					
Static Level:		29			
Final Level After Pumping:		58			
Recommended Pump Depth:		70			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934448006			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		54			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934182665			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		52			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934715944			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		55			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934968108			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		55			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933608894			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		95			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933608893			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			

40	1 of 1	NNE/189.0	244.1 / -2.38	lot 21 con 10 ON	WWIS
Well ID:	2805195			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/12/1978
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4320
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10151693			Elevation:	246.76
DP2BR:	54			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586314.4
Code OB Desc:	Bedrock			North83:	4836003
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	29-JUN-77			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931438784				
Layer:	2				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	54				
Formation End Depth:	135				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931438783				
Layer:	1				
Color:					
General Color:					
Mat1:	12				
Most Common Material:	STONES				
Mat2:	05				
Other Materials:	CLAY				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	54				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		962805195			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700263			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257870			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		54			
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805195			
Pump Set At:					
Static Level:		40			
Final Level After Pumping:					
Recommended Pump Depth:		110			
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934181660			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		120			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934714837			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		120			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934446897					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 120					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934966987					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 120					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933608340					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 135					
Water Found Depth UOM: ft					
41	1 of 1	ENE/190.4	230.9 / -15.54	lot 21 con 10 ON	WWIS
Well ID: 2801479					
Construction Date:					
Primary Water Use: Public					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10148033					
DP2BR: 42					
Spatial Status:					
Code OB: r					
Code OB Desc: Bedrock					
Open Hole:					
Cluster Kind:					
Date Completed: 31-AUG-60					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Data Entry Status:					
Data Src: 1					
Date Received: 1/17/1961					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 4838					
Form Version: 1					
Owner:					
Street Name:					
County: HALTON					
Municipality: HALTON HILLS TOWN (ESQUESING)					
Site Info:					
Lot: 021					
Concession: 10					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Elevation: 231.1					
Elevrc:					
Zone: 17					
East83: 586514.4					
North83: 4835803					
Org CS:					
UTMRC: 4					
UTMRC Desc: margin of error : 30 m - 100 m					
Location Method: p4					

Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931425544
 Layer: 1
 Color:
 General Color:
 Mat1: 05
 Most Common Material: CLAY
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 10
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425545
 Layer: 2
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 05
 Other Materials: CLAY
 Mat3:
 Other Materials:
 Formation Top Depth: 10
 Formation End Depth: 20
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425548
 Layer: 5
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 42
 Formation End Depth: 62
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931425548
 Layer: 3
 Color:
 General Color:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:			11		
Other Materials:			GRAVEL		
Mat3:					
Other Materials:					
Formation Top Depth:			20		
Formation End Depth:			30		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931425547		
Layer:			4		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:			30		
Formation End Depth:			42		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:			962801479		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10696603		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930251839		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			43		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					
Casing ID:			930251840		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			62		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
Results of Well Yield Testing					
Pump Test ID:		992801479			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		20			
Recommended Pump Depth:		20			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		5			
Pumping Duration MIN:		0			
Flowing:		N			
Water Details					
Water ID:		933603264			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
Water Details					
Water ID:		933603263			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			
42	1 of 1	S/202.3	266.7 / 20.28	lot 21 con 9 ON	WWIS
Well ID:	2801411			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/16/1964
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1325
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	

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

UTM Reliability:

Bore Hole Information

Bore Hole ID:	10147965	Elevation:	269.34
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	585964.4
Code OB Desc:	Overburden	North83:	4835013
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	12-MAY-64	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931425313
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931425314
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	37
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931425315
Layer:	3
Color:	7
General Color:	RED

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		37			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801411			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696535			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251732			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		38			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801411			
Pump Set At:					
Static Level:		31			
Final Level After Pumping:		36			
Recommended Pump Depth:		36			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933603166			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		31			
Water Found Depth UOM:		ft			

43 1 of 1 ESE/207.3 229.5 / -16.94 lot 20 con 9 ON **WWIS**

Well ID:	2804864	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	6/9/1976
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4602
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	020
Well Depth:		Concession:	09
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10151374	Elevation:	231.65
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586410.4
Code OB Desc:	Bedrock	North83:	4835419
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	26-MAY-76	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931437452
Layer:	6
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	35
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437449			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		6			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437451			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		19			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437448			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Other Materials:		SILT			
Mat3:					
Other Materials:					
Formation Top Depth:		3			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437447			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		01			
Other Materials:		FILL			
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	3				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931437450				
Layer:	4				
Color:	6				
General Color:	BROWN				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	12				
Formation End Depth:	19				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962804864				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10699944				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930257323				
Layer:	2				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	35				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930257322				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	14				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804864			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:		9			
Recommended Pump Depth:		30			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:		10			
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:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934180007			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934454587			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934713777			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934965921			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		9			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933607878			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		12			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
44	1 of 3	ENE/214.6	229.9 / -16.57	SOLINST CANADA (OUT OF BUSINESS) 35-563 THE WILLIAMS MILL, 515 MAIN ST. GLEN WILLIAMS ON L7G 3S9	GEN
Generator No:	ON1408900			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	3911				
SIC Description:	INDICAT., ETC. INST.				
--Details--					
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
44	2 of 3	ENE/214.6	229.9 / -16.57	SOLINST CANADA LTD. THE WILLIAMS MILL, 515 MAIN ST. GLEN WILLIAMS ON L7G 3S9	GEN
Generator No:	ON1408900			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0000				
SIC Description:	*** NOT DEFINED ***				
44	3 of 3	ENE/214.6	229.9 / -16.57	KUNTZ ANDREW GLASS ARTS 515 Main St Georgetown ON L7G 3S9	SCT
Established:	0000				
Plant Size (ft ²):	0				
Employment:	0				
--Details--					
Description:	Glass Product Manufacturing from Purchased Glass				
SIC/NAICS Code:	327215				
45	1 of 1	S/223.8	246.2 / -0.30	lot 21 con 9 ON	WWIS
Well ID:	2805237			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/14/1978
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Unfinished			Abandonment Rec:	
Water Type:				Contractor:	4320
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID: 10151734 DP2BR: 91 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 07-AUG-76 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: 254.82 Elevrc: Zone: 17 East83: 586114.4 North83: 4835073 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931438938 Layer: 4 Color: 7 General Color: RED Mat1: 17 Most Common Material: SHALE Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 91 Formation End Depth: 151 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931438935 Layer: 1 Color: 6 General Color: BROWN Mat1: 02 Most Common Material: TOPSOIL Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 1 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931438937 Layer: 3					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		32			
Formation End Depth:		91			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931438936			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		32			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962805237			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700304			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257934			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		93			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930257935			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		151			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805237			
Pump Set At:					
Static Level:		78			
Final Level After Pumping:		78			
Recommended Pump Depth:		140			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933608393			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		151			
Water Found Depth UOM:		ft			

46	1 of 1	NE/231.5	241.4 / -5.10	lot 21 con 10 ON	WWIS
Well ID: 2801486					
Construction Date:					
Primary Water Use:		Domestic		Data Entry Status:	
Sec. Water Use:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	12/27/1967
Water Type:				Selected Flag:	Yes
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1613
Tag:				Form Version:	1
Construction Method:				Owner:	
Elevation (m):				Street Name:	
Elevation Reliability:				County:	HALTON
Depth to Bedrock:				Municipality:	HALTON HILLS TOWN (ESQUESING)
Well Depth:				Site Info:	
Overburden/Bedrock:				Lot:	021
Pump Rate:				Concession:	10
Static Water Level:				Concession Name:	CON
Flowing (Y/N):				Easting NAD83:	
Flow Rate:				Northing NAD83:	
Clear/Cloudy:				Zone:	
				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:		10148040		Elevation:	243.72
DP2BR:		58		Eleirc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	17
Code OB:	r			East83:	586364.4
Code OB Desc:	Bedrock			North83:	4836013
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	17-NOV-67			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425573			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		58			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425572			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		46			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425571			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		46			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801486			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696610			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251852			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251853			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801486			
Pump Set At:					
Static Level:		49			
Final Level After Pumping:		57			
Recommended Pump Depth:		80			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933603271			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		86			
Water Found Depth UOM:		ft			

[47](#) 1 of 1 N/231.7 257.2 / 10.80 lot 22 con 10 ON WWIS

Well ID:	2803338	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	4/21/1970
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3637
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10149880	Elevation:	256.93
DP2BR:		Eleirc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	585994.4
Code OB Desc:	Overburden	North83:	4836113
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	01-APR-70	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931431660
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	05
Other Materials:	CLAY
Mat3:	12
Other Materials:	STONES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:	1				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931431661				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Other Materials:	STONES				
Mat3:	06				
Other Materials:	SILT				
Formation Top Depth:	25				
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931431659				
Layer:	1				
Color:	8				
General Color:	BLACK				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962803338				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10698450				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930254902				
Layer:	3				
Material:	2				
Open Hole or Material:	GALVANIZED				
Depth From:					
Depth To:	42				
Casing Diameter:	22				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930254901			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		41			
Casing Diameter:		32			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930254900			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		38			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803338			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		40			
Recommended Pump Depth:		37			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934166590			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		38			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934709323			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		32			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934969632
 Test Type: Recovery
 Test Duration: 60
 Test Level: 29
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934450118
 Test Type: Recovery
 Test Duration: 30
 Test Level: 35
 Test Level UOM: ft

Water Details

Water ID: 933605714
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 36
 Water Found Depth UOM: ft

Water Details

Water ID: 933605713
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 25
 Water Found Depth UOM: ft

48 1 of 1 SE/234.0 229.9 / -16.58 lot 21 con 9 ON WWIS

Well ID: 2804484	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Domestic	Date Received: 7/15/1974
Sec. Water Use: 0	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 3637
Casing Material:	Form Version: 1
Audit No:	Owner:
Tag:	Street Name:
Construction Method:	County: HALTON
Elevation (m):	Municipality: HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 021
Well Depth:	Concession: 09
Overburden/Bedrock:	Concession Name: CON
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

Bore Hole Information

Bore Hole ID: 10151002 Elevation: 231.36

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:	0			East83:	586299.4
Code OB Desc:	Overburden			North83:	4835259
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08-JAN-74			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 931436052
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 05
Other Materials: CLAY
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 4
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931436053
Layer: 3
Color: 6
General Color: BROWN
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4
Formation End Depth: 19
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931436051
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:	1				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931436054				
Layer:	4				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	06				
Other Materials:	SILT				
Mat3:					
Other Materials:					
Formation Top Depth:	19				
Formation End Depth:	21				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931436055				
Layer:	5				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	21				
Formation End Depth:	39				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962804484				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10699572				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930256691				
Layer:	1				
Material:	3				
Open Hole or Material:	CONCRETE				
Depth From:					
Depth To:	15				
Casing Diameter:	30				
Casing Diameter UOM:	inch				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930256693			
Layer:		3			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		39			
Casing Diameter:		21			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930256692			
Layer:		2			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		21			
Casing Diameter:		32			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804484			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:					
Recommended Pump Depth:		25			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933607348			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		14			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933607350			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		38			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933607349			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26			
Water Found Depth UOM:		ft			

49	1 of 1	NNE/238.9	248.3 / 1.90	lot 21 con 10 ON	WWIS
Well ID:	2803273			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/14/1970
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1613
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10149815	Elevation:	249.23
DP2BR:	60	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586284.4
Code OB Desc:	Bedrock	North83:	4836103
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	02-DEC-69	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931431423
Layer:	3
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		60			
Formation End Depth:		92			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931431422			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		27			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931431421			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		962803273			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698385			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254799			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		92			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930254798			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		62			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803273			
Pump Set At:					
Static Level:		42			
Final Level After Pumping:		82			
Recommended Pump Depth:		87			
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933805628			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		88			
Water Found Depth UOM:		ft			

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1 of 1

ENE/239.1

230.0 / -16.41

lot 21 con 10
ON

WWIS

Well ID:	2802969	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/2/1968
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1307
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10149515			Elevation:	232.22
DP2BR:	18			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586514.4
Code OB Desc:	Bedrock			North83:	4835873
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	20-AUG-68			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931430293				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	09				
Other Materials:	MEDIUM SAND				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	18				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931430294				
Layer:	2				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	18				
Formation End Depth:	30				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		962802969			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698085			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254334			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		30			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992802969			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:					
Recommended Pump Depth:		28			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Water Details</u>					
Water ID:		933605188			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		30			
Water Found Depth UOM:		ft			

[51](#) 1 of 1 NNW/243.8 261.0 / 14.57 lot 22 con 9 ON WWIS

Well ID:	2801413	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/23/1960
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4838

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10147967	Elevation:	261.83
DP2BR:	50	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	585934.4
Code OB Desc:	Bedrock	North83:	4836073
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	26-MAY-60	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931425322
Layer:	4
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	50
Formation End Depth:	95
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931425320
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		20			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425321			
Layer:		3			
Color:					
General Color:					
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425319			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801413			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696537			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251734			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		66			
Casing Diameter:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251735			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		95			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801413			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		85			
Recommended Pump Depth:		85			
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933603169			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933603170			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		92			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933603168			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>52</u>	1 of 1	NNE/248.2	248.8 / 2.38	lot 21 con 10 ON	WWIS

Well ID: 2803405
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/13/1970
Selected Flag: Yes
Abandonment Rec:
Contractor: 1660
Form Version: 1
Owner:
Street Name:
County: HALTON
Municipality: HALTON HILLS TOWN (ESQUESING)
Site Info:
Lot: 021
Concession: 10
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10149947
DP2BR: 61
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 23-APR-70
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 249.55
Elevrc:
Zone: 17
East83: 586274.4
North83: 4836123
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock

Materials Interval

Formation ID: 931431894
Layer: 3
Color: 7
General Color: RED
Mat1: 17
Most Common Material: SHALE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 61
Formation End Depth: 87
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931431892

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931431893			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		1			
Formation End Depth:		61			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962803405			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698517			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930255010			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		87			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255009			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		64			
<i>Casing Diameter:</i>		5			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		992803405			
<i>Pump Set At:</i>					
<i>Static Level:</i>		38			
<i>Final Level After Pumping:</i>		76			
<i>Recommended Pump Depth:</i>		84			
<i>Pumping Rate:</i>		6			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		5			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		2			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934166650			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		47			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934450598			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		57			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934969694			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		76			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934709802			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		64			
<i>Test Level UOM:</i>		ft			
 <u>Water Details</u>					
<i>Water ID:</i>		933605811			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		84			
Water Found Depth UOM:		ft			

53 1 of 1 N/250.2 250.2 / 3.76 lot 22 con 10 ON **WWIS**

Well ID:	2805318	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/15/1979
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4640
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	HALTON
Elevation (m):		Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	10
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10151815	Elevation:	251.72
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	586114.4
Code OB Desc:	Overburden	North83:	4836173
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	27-NOV-78	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931439223
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	65
Other Materials:	DARK-COLOURED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931439226				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Other Materials:	SAND				
Mat3:					
Other Materials:					
Formation Top Depth:	38				
Formation End Depth:	49				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931439225				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Other Materials:	SAND				
Mat3:					
Other Materials:					
Formation Top Depth:	15				
Formation End Depth:	38				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931439224				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	1				
Formation End Depth:	15				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962805318				
Method Construction Code:	6				
Method Construction:	Boring				
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10700385			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930258077			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		49			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805318			
Pump Set At:					
Static Level:		35			
Final Level After Pumping:		48			
Recommended Pump Depth:		47			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934714916			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		47			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934967490			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		47			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934447394			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		48			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934181055			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		48			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933608502			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36			
Water Found Depth UOM:		ft			
<u>54</u>	1 of 1	ENE/252.3	230.9 / -15.57	GRASS ROOTS LAWN & GARDEN SERVICE LTD 520 MAIN ST CLEN WILLIAMS ON L7G3S8	PES
Licence No:	09000			Operator Box:	
Detail Licence No:				Operator Class:	
Licence Type Code:	02			Operator No:	
Licence Type:				Operator Type:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Trade Name:				Operator Region:	
Post Office Box:				Operator District:	
Lot:				Operator County:	
Concession:				Oper Phone Area Cd:	905
Region:				Ext:	
District:				Oper Phone No:	
County:				Proponent Ext:	
<u>55</u>	1 of 1	N/254.8	257.1 / 10.69	Ronald E.B. McGowan o/a Halton Sanitation Services 145A Confederation Street Glen Williams ON L7G 3S3	ECA
Approval No:	A920101			MOE District:	Halton-Peel
Approval Date:	2002-12-16			City:	Glen Williams
Status:	Approved			Longitude:	-79.93343
Record Type:	ECA			Latitude:	43.673206
Link Source:	IDS			Geometry X:	
SWP Area Name:	Credit Valley			Geometry Y:	
Approval Type:	ECA-WASTE MANAGEMENT SYSTEMS				
Project Type:	WASTE MANAGEMENT SYSTEMS				
Address:	145A Confederation Street				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6181-5CYNJ9-14.pdf				
<u>56</u>	1 of 1	N/255.1	254.6 / 8.17	Ronald E.B. McGowan o/a Halton Sanitation Services 145A Confederation Street Glen Williams ON	CA
Certificate #:	A920101				
Application Year:	2002				
Issue Date:	12/16/2002				
Approval Type:	Waste Management Systems				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					

<u>57</u>	1 of 1	NNE/256.2	241.3 / -5.14	lot 21 con 10 ON	WWIS
Well ID:	2804014			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/15/1972
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3637
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10150540	Elevation:	243.86
DP2BR:	40	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586364.4
Code OB Desc:	Bedrock	North83:	4836048
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	07-SEP-72	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	931434136
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		4			
<i>Formation End Depth:</i>		7			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock Materials Interval</i></u>					
<i>Formation ID:</i>		931434137			
<i>Layer:</i>		3			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		09			
<i>Most Common Material:</i>		MEDIUM SAND			
<i>Mat2:</i>		08			
<i>Other Materials:</i>		FINE SAND			
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		7			
<i>Formation End Depth:</i>		38			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock Materials Interval</i></u>					
<i>Formation ID:</i>		931434135			
<i>Layer:</i>		1			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		09			
<i>Most Common Material:</i>		MEDIUM SAND			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		4			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock Materials Interval</i></u>					
<i>Formation ID:</i>		931434138			
<i>Layer:</i>		4			
<i>Color:</i>		3			
<i>General Color:</i>		BLUE			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		38			
<i>Formation End Depth:</i>		40			
<i>Formation End Depth UOM:</i>		ft			
<u><i>Overburden and Bedrock Materials Interval</i></u>					
<i>Formation ID:</i>		931434139			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		5			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962804014			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10699110			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930255980			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		41			
Casing Diameter:		32			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255979			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		41			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255981			
Layer:		3			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		45			
Casing Diameter:		21			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804014			
Pump Set At:					
Static Level:		36			
Final Level After Pumping:		43			
Recommended Pump Depth:		43			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		72			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934711488			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		43			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934452296			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		43			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934971811			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		43			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934177668			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		41			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933606683			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
58	1 of 1	N/257.8	258.4 / 11.92	lot 22 con 10 ON	WWIS
Well ID: 2801501 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: 1 Date Received: 11/2/1962 Selected Flag: Yes Abandonment Rec: Contractor: 1307 Form Version: 1 Owner: Street Name: County: HALTON Municipality: HALTON HILLS TOWN (ESQUESING) Site Info: Lot: 022 Concession: 10 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10148055 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 02-OCT-62 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 258.78 Elevrc: Zone: 17 East83: 585964.4 North83: 4836123 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 931425627 Layer: 3 Color: 7 General Color: RED Mat1: 05 Most Common Material: CLAY Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 15 Formation End Depth: 40 Formation End Depth UOM: ft					
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931425625			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425626			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:					
Other Materials:					
Formation Top Depth:		8			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425628			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		40			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		962801501			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696625			
Casing No:		1			
Comment:					

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

Construction Record - Casing

Casing ID: 930251878
 Layer: 1
 Material: 3
 Open Hole or Material: CONCRETE
 Depth From:
 Depth To: 45
 Casing Diameter: 30
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 992801501
 Pump Set At:
 Static Level: 30
 Final Level After Pumping:
 Recommended Pump Depth: 43
 Pumping Rate: 1
 Flowing Rate:
 Recommended Pump Rate: 1
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR:
 Pumping Duration MIN:
 Flowing: N

Water Details

Water ID: 933603291
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 40
 Water Found Depth UOM: ft

59	1 of 1	ENE/259.0	231.7 / -14.79	lot 21 con 10 ON	WWIS
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Well ID: 2805766	Data Entry Status:	
Construction Date:	Data Src:	1
Primary Water Use: Commerical	Date Received:	12/2/1981
Sec. Water Use: 0	Selected Flag:	Yes
Final Well Status: Water Supply	Abandonment Rec:	
Water Type:	Contractor:	4868
Casing Material:	Form Version:	1
Audit No:	Owner:	
Tag:	Street Name:	
Construction Method:	County:	HALTON
Elevation (m):	Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	021
Well Depth:	Concession:	10
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10152242			Elevation:	232.65
DP2BR:	32			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586614.4
Code OB Desc:	Bedrock			North83:	4835763
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	19-JUN-81			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931440928				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	06				
Most Common Material:	SILT				
Mat2:	28				
Other Materials:	SAND				
Mat3:	85				
Other Materials:	SOFT				
Formation Top Depth:	0				
Formation End Depth:	16				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931440929				
Layer:	2				
Color:	7				
General Color:	RED				
Mat1:	34				
Most Common Material:	TILL				
Mat2:	06				
Other Materials:	SILT				
Mat3:	73				
Other Materials:	HARD				
Formation Top Depth:	16				
Formation End Depth:	32				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931440930				
Layer:	3				
Color:	7				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		15			
Other Materials:		LIMESTONE			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		32			
Formation End Depth:		120			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962805766			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700812			
Casing No:		1			
Comment:					
Alt Name:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992805766			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:					
Recommended Pump Depth:		110			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933609101			
Layer:		2			
Kind Code:		2			
Kind:		SALTY			
Water Found Depth:		104			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933609100			
Layer:		1			
Kind Code:		2			
Kind:		SALTY			
Water Found Depth:		69			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>60</u>	1 of 1	N/261.0	258.4 / 11.92	lot 22 con 10 ON	WWIS
Well ID: 2801506 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: 1 Date Received: 11/1/1967 Selected Flag: Yes Abandonment Rec: Contractor: 1307 Form Version: 1 Owner: Street Name: County: HALTON Municipality: HALTON HILLS TOWN (ESQUESING) Site Info: Lot: 022 Concession: 10 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10148060 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden Open Hole: Cluster Kind: Date Completed: 17-OCT-67 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 259.08 Elevrc: Zone: 17 East83: 585959.4 North83: 4836123 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 931425648 Layer: 2 Color: 2 General Color: GREY Mat1: 05 Most Common Material: CLAY Mat2: 09 Other Materials: MEDIUM SAND Mat3: Other Materials: Formation Top Depth: 20 Formation End Depth: 36 Formation End Depth UOM: ft					
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931425647			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:		09			
Other Materials:		MEDIUM SAND			
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931425649			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		36			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801506			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696630			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251884			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		38			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801506			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:					
Static Level:		0			
Final Level After Pumping:					
Recommended Pump Depth:	43				
Pumping Rate:	1				
Flowing Rate:					
Recommended Pump Rate:	1				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:	N				
Water Details					
Water ID:	933603296				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	38				
Water Found Depth UOM:	ft				
61	1 of 3	ESE/262.8	228.8 / -17.63	HALTON SCHOOL TRANSIT LTD. 19-507 9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	GEN
Generator No:	ON1364900			PO Box No:	
Status:				Country:	
Approval Years:	92,93,94,95,96,97,98			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4573				
SIC Description:	SCHOOL BUS OPER.				
--Details--					
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
61	2 of 3	ESE/262.8	228.8 / -17.63	HALTON SCHOOL TRANSIT LTD. 9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	GEN
Generator No:	ON1364900			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4573				
SIC Description:	SCHOOL BUS OPER.				
--Details--					
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	252				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Description:		WASTE OILS & LUBRICANTS			
61	3 of 3	ESE/262.8	228.8 / -17.63	HALTON SCH(OUT OF BUSINESS) 9 WILDWOOD ROAD HALTON HILLS ON L0P 1B0	GEN
Generator No:	ON1364900			PO Box No:	
Status:				Country:	
Approval Years:	99			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4573				
SIC Description:	SCHOOL BUS OPER.				
--Details--					
Waste Code:	213				
Waste Description:	PETROLEUM DISTILLATES				
Waste Code:	252				
Waste Description:	WASTE OILS & LUBRICANTS				
62	1 of 1	ESE/264.2	227.8 / -18.61	lot 21 con 9 ON	WWIS
Well ID:	2803788			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/14/1972
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3349
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10150319			Elevation:	229.67
DP2BR:	25			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586514.4
Code OB Desc:	Bedrock			North83:	4835448
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	02-MAR-72			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					

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

Overburden and Bedrock Materials Interval

Formation ID: 931433280
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 1
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931433281
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 13
 Other Materials: BOULDERS
 Mat3: 28
 Other Materials: SAND
 Formation Top Depth: 1
 Formation End Depth: 25
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931433282
 Layer: 3
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2: 11
 Other Materials: GRAVEL
 Mat3:
 Other Materials:
 Formation Top Depth: 25
 Formation End Depth: 50
 Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962803788
 Method Construction Code: 1
 Method Construction: Cable Tool
 Other Method Construction:

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10698889			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930255612			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255611			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803788			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		4			
Recommended Pump Depth:		45			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		5			
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:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934710475			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934451692			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:	4				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934970790				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	4				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934176645				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	4				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933606327				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	44				
Water Found Depth UOM:	ft				

63	1 of 1	NNE/267.0	249.0 / 2.58	lot 22 con 10 ON	WWIS
Well ID:	2803271			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/14/1970
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1612
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10149813			Elevation:	250.43
DP2BR:	57			Elevarc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586244.4
Code OB Desc:	Bedrock			North83:	4836163
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	12-OCT-69			UTMRC Desc:	margin of error : 30 m - 100 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Remarks: Location Method: p4
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931431415
 Layer: 3
 Color: 6
 General Color: BROWN
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2: 12
 Other Materials: STONES
 Mat3:
 Other Materials:
 Formation Top Depth: 42
 Formation End Depth: 57
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931431414
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 09
 Other Materials: MEDIUM SAND
 Mat3:
 Other Materials:
 Formation Top Depth: 1
 Formation End Depth: 42
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931431416
 Layer: 4
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 57
 Formation End Depth: 80
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931431413			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962803271			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698383			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254794			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		59			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930254795			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803271			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		78			
Recommended Pump Depth:		75			
Pumping Rate:		5			
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate:		5			
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:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934709283			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		71			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934450079			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934969587			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		71			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934166550			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		45			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933605626			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			
Water Found Depth UOM:		ft			

64

1 of 2

N/269.9

250.5 / 4.09

lot 22 con 10
ON

WWIS

Well ID: 2801498
 Construction Date:
 Primary Water Use: Domestic
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:

Data Entry Status:
 Data Src: 1
 Date Received: 12/7/1960
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 2904
 Form Version: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10148052	Elevation:	250.57
DP2BR:	96	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586124.4
Code OB Desc:	Bedrock	North83:	4836193
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	03-DEC-60	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931425614
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	96
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931425615
Layer:	2
Color:	7
General Color:	RED
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	96

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:			106		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			962801498		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10696622		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930251874		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			73		
Casing Diameter:			5		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			992801498		
Pump Set At:					
Static Level:			47		
Final Level After Pumping:			104		
Recommended Pump Depth:			95		
Pumping Rate:			1		
Flowing Rate:					
Recommended Pump Rate:			1		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			1		
Pumping Duration HR:			3		
Pumping Duration MIN:			0		
Flowing:			N		
<u>Water Details</u>					
Water ID:			933603288		
Layer:			2		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			102		
Water Found Depth UOM:			ft		
<u>Water Details</u>					
Water ID:			933603287		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		73			
Water Found Depth UOM:		ft			

64	2 of 2	N/269.9	250.5 / 4.09	lot 22 con 10 ON	WWIS
Well ID:	2801497			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/13/1960
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4101
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10148051	Elevation:	250.57
DP2BR:	67	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586124.4
Code OB Desc:	Bedrock	North83:	4836193
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	18-JUL-60	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931425611
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	62

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931425613				
Layer:	4				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	67				
Formation End Depth:	96				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931425612				
Layer:	3				
Color:					
General Color:					
Mat1:	08				
Most Common Material:	FINE SAND				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	62				
Formation End Depth:	87				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931425610				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	5				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	962801497				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10696621			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251872			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		68			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251873			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		96			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801497			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		45			
Recommended Pump Depth:		45			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933603285			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		72			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933603286			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	96				
Water Found Depth UOM:	ft				

65	1 of 1	S/271.1	268.3 / 21.82	lot 20 con 9 ON	WWIS
Well ID:	2804988			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/1/1977
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3637
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	020
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10151495	Elevation:	268.55
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	586064.4
Code OB Desc:	Overburden	North83:	4834973
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	01-JUL-76	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931437956
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	15
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437958			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		23			
Formation End Depth:		29			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437957			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		08			
Other Materials:		FINE SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		15			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437955			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931437959			
Layer:		5			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		09			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		29			
Formation End Depth:		41			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962804988			
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10700065			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257540			
Layer:		2			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		23			
Casing Diameter:		32			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930257541			
Layer:		3			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		31			
Casing Diameter:		18			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930257539			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		20			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930257542			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		41			
Casing Diameter:		18			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804988			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		41			
Recommended Pump Depth:		39			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:		4			
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:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934180528			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		40			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934446334			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		39			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934966423			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		37			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934714281			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		38			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Water ID: 933608073
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 22
 Water Found Depth UOM: ft

Water Details

Water ID: 933608074
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 29
 Water Found Depth UOM: ft

<u>66</u>	1 of 1	ESE/272.4	228.0 / -18.48	lot 20 con 9 ON	WWIS
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Well ID: 2801390
 Construction Date:
 Primary Water Use: Domestic
 Sec. Water Use: 0
 Final Well Status: Water Supply
 Water Type:
 Casing Material:
 Audit No:
 Tag:
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:
 Flowing (Y/N):
 Flow Rate:
 Clear/Cloudy:

Data Entry Status:
 Data Src: 1
 Date Received: 1/11/1956
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 4838
 Form Version: 1
 Owner:
 Street Name:
 County: HALTON
 Municipality: HALTON HILLS TOWN (ESQUESING)
 Site Info:
 Lot: 020
 Concession: 09
 Concession Name: CON
 Easting NAD83:
 Northing NAD83:
 Zone:
 UTM Reliability:

Bore Hole Information

Bore Hole ID: 10147944
 DP2BR: 25
 Spatial Status:
 Code OB: r
 Code OB Desc: Bedrock
 Open Hole:
 Cluster Kind:
 Date Completed: 27-DEC-55
 Remarks:
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation: 229.82
 Elevrc:
 Zone: 17
 East83: 586539.4
 North83: 4835463
 Org CS:
 UTMRC: 4
 UTMRC Desc: margin of error : 30 m - 100 m
 Location Method: p4

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931425256			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		05			
Other Materials:		CLAY			
Formation Top Depth:		3			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425257			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		25			
Formation End Depth:		47			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425255			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801390			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696514			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930251700			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		47			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251699			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801390			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Water Details</u>					
Water ID:		933603141			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933603140			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
67	1 of 1	ESE/275.8	227.9 / -18.54	lot 21 con 9 ON	WWIS
Well ID: 2801400 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: 1 Date Received: 8/26/1952 Selected Flag: Yes Abandonment Rec: Contractor: 4838 Form Version: 1 Owner: Street Name: County: HALTON Municipality: HALTON HILLS TOWN (ESQUESING) Site Info: Lot: 021 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
<u>Bore Hole Information</u>					
Bore Hole ID: 10147954 DP2BR: 61 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 30-JUN-52 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 229.86 Elevrc: Zone: 17 East83: 586539.4 North83: 4835458 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 931425287 Layer: 1 Color: General Color: Mat1: 09 Most Common Material: MEDIUM SAND Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: 0 Formation End Depth: 30 Formation End Depth UOM: ft					
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931425288			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Other Materials:		CLAY			
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		61			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931425289			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		61			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801400			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696524			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251714			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		61			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251715			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:					
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:	80				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
Results of Well Yield Testing					
Pump Test ID:	992801400				
Pump Set At:					
Static Level:	30				
Final Level After Pumping:	30				
Recommended Pump Depth:					
Pumping Rate:	20				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
Water Details					
Water ID:	933603153				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	75				
Water Found Depth UOM:	ft				

68	1 of 1	E/277.9	228.2 / -18.21	lot 21 con 10 ON	WWIS
Well ID: 2801470					
Construction Date:					
Primary Water Use: Public					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src: 1					
Date Received: 2/4/1950					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 4838					
Form Version: 1					
Owner:					
Street Name:					
County: HALTON					
Municipality: HALTON HILLS TOWN (ESQUESING)					
Site Info:					
Lot: 021					
Concession: 10					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10148024			Elevation:	228.87
DP2BR:	48			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	586629.4
Code OB Desc:	Bedrock			North83:	4835583
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	12-SEP-49			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931425510
 Layer: 3
 Color: 7
 General Color: RED
 Mat1: 17
 Most Common Material: SHALE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 48
 Formation End Depth: 60
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931425508
 Layer: 1
 Color:
 General Color:
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 11
 Other Materials: GRAVEL
 Mat3: 09
 Other Materials: MEDIUM SAND
 Formation Top Depth: 0
 Formation End Depth: 40
 Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931425509
 Layer: 2
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		40			
Formation End Depth:		48			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962801470			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10696594			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930251820			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930251819			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992801470			
Pump Set At:					
Static Level:		17			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		15			
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:		N			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Details					
Water ID:		933603250			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		17			
Water Found Depth UOM:		ft			
69	1 of 2	ENE/281.8	232.2 / -14.26	R.M. OF HALTON PRINCE ST/MAIN ST/OAK ST. MILTON TOWN ON	CA
Certificate #:		7-0732-99-			
Application Year:		99			
Issue Date:		9/14/1999			
Approval Type:		Municipal water			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
69	2 of 2	ENE/281.8	232.2 / -14.26	MILTON TOWN PRINCE ST/MAIN ST. MILTON TOWN ON	CA
Certificate #:		3-1267-99-			
Application Year:		99			
Issue Date:		10/21/1999			
Approval Type:		Municipal sewage			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
70	1 of 1	W/291.2	269.0 / 22.57	lot 22 con 9 ON	WWIS
Well ID:		2807482			
Construction Date:				Data Entry Status:	
Primary Water Use:		Domestic		Data Src:	1
Sec. Water Use:				Date Received:	11/9/1989
Final Well Status:		Water Supply		Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	4005
Audit No:		55683		Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	HALTON
Elevation Reliability:				Municipality:	HALTON HILLS TOWN (ESQUESING)
Depth to Bedrock:				Site Info:	
				Lot:	022

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession:	09
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10153743			Elevation:	272.04
DP2BR:	12			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	585477.4
Code OB Desc:	Bedrock			North83:	4835615
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	02-NOV-89			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931447498				
Layer:	1				
Color:	7				
General Color:	RED				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	77				
Other Materials:	LOOSE				
Mat3:					
Other Materials:					
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931447500				
Layer:	3				
Color:	7				
General Color:	RED				
Mat1:	17				
Most Common Material:	SHALE				
Mat2:	85				
Other Materials:	SOFT				
Mat3:					
Other Materials:					
Formation Top Depth:	12				
Formation End Depth:	17				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931447499			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931447501			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:		73			
Other Materials:		HARD			
Mat3:					
Other Materials:					
Formation Top Depth:		17			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		962807482			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10702313			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930261507			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930261508			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		35			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992807482			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		31			
Recommended Pump Depth:		33			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
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:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934711671			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		14			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934178979			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		14			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934452941			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		14			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934964317			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		14			
Test Level UOM:		ft			

Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: 933611013					
Layer: 1					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 20					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933611014					
Layer: 2					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 31					
Water Found Depth UOM: ft					
<u>71</u>	1 of 1	NNE/291.5	242.4 / -4.05	lot 19 con 10 ON	WWIS
Well ID: 2803839					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src: 1					
Date Received: 6/13/1972					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1815					
Form Version: 1					
Owner:					
Street Name:					
County: HALTON					
Municipality: HALTON HILLS TOWN (ESQUESING)					
Site Info:					
Lot: 019					
Concession: 10					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
<u>Bore Hole Information</u>					
Bore Hole ID: 10150370					
DP2BR: 52					
Spatial Status:					
Code OB: r					
Code OB Desc: Bedrock					
Open Hole:					
Cluster Kind:					
Date Completed: 25-MAY-72					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation: 244.3					
Elevrc: 17					
Zone: 586364.4					
East83: 4836098					
North83:					
Org CS: 4					
UTMRC: margin of error : 30 m - 100 m					
UTMRC Desc: p4					
Location Method:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931433489			
Layer:		4			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		52			
Formation End Depth:		100			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931433486			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931433488			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		48			
Formation End Depth:		52			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931433487			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		48			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962803839			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698940			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930255693			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		100			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930255692			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		53			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992803839			
Pump Set At:					
Static Level:		63			
Final Level After Pumping:		85			
Recommended Pump Depth:		82			
Pumping Rate:		1			
Flowing Rate:					
Recommended Pump Rate:		1			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		4			
Pumping Duration MIN:		30			
Flowing:		N			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934177101					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 85					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934970826					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 85					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934710929					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 85					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934451732					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 85					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933606402					
Layer: 1					
Kind Code: 4					
Kind: MINERIAL					
Water Found Depth: 85					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933606403					
Layer: 2					
Kind Code: 2					
Kind: SALTY					
Water Found Depth: 100					
Water Found Depth UOM: ft					

72 1 of 1 NNE/296.5 245.4 / -1.08 lot 21 con 10 ON WWIS

Well ID: 2802909	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Domestic	Date Received: 8/9/1968
Sec. Water Use: 0	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 1612
Casing Material:	Form Version: 1
Audit No:	Owner:
Tag:	Street Name:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method:				County:	HALTON
Elevation (m):				Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	10
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10149455	Elevation:	246.75
DP2BR:	59	Eleirc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	586314.4
Code OB Desc:	Bedrock	North83:	4836153
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	15-APR-68	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931430092
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931430093
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	1
Formation End Depth:	59
Formation End Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931430094			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		59			
Formation End Depth:		96			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		962802909			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10698025			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930254243			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		96			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930254242			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992802909			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		50			
Final Level After Pumping:		76			
Recommended Pump Depth:		90			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			

Water Details

Water ID: 933605100
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 91
Water Found Depth UOM: ft

73 1 of 1 S/297.4 264.8 / 18.35 lot 20 con 9 ON WWIS

Well ID: 2804989	Data Entry Status:	
Construction Date:	Data Src:	1
Primary Water Use: Domestic	Date Received:	3/1/1977
Sec. Water Use: 0	Selected Flag:	Yes
Final Well Status: Water Supply	Abandonment Rec:	
Water Type:	Contractor:	3637
Casing Material:	Form Version:	1
Audit No:	Owner:	
Tag:	Street Name:	
Construction Method:	County:	HALTON
Elevation (m):	Municipality:	HALTON HILLS TOWN (ESQUESING)
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	020
Well Depth:	Concession:	09
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

Bore Hole Information

Bore Hole ID: 10151496	Elevation:	264.13
DP2BR:	Elevrc:	
Spatial Status:	Zone:	17
Code OB: 0	East83:	586114.4
Code OB Desc: Overburden	North83:	4834973
Open Hole:	Org CS:	
Cluster Kind:	UTMRC:	5
Date Completed: 06-JUL-76	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:	Location Method:	p5
Elevrc Desc:		
Location Source Date:		
Improvement Location Source:		
Improvement Location Method:		

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931437961
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 1
 Formation End Depth: 19
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931437962
 Layer: 3
 Color: 6
 General Color: BROWN
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2: 29
 Other Materials: FINE GRAVEL
 Mat3: 31
 Other Materials: COARSE GRAVEL
 Formation Top Depth: 19
 Formation End Depth: 43
 Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931437960
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 02
 Most Common Material: TOPSOIL
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 1
 Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 962804989
 Method Construction Code: 8
 Method Construction: Boring
 Other Method Construction:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Pipe Information</u>					
Pipe ID:		10700066			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930257543			
Layer:		1			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		23			
Casing Diameter:		30			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930257545			
Layer:		3			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		43			
Casing Diameter:		18			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930257544			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		27			
Casing Diameter:		32			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		992804989			
Pump Set At:					
Static Level:		23			
Final Level After Pumping:		42			
Recommended Pump Depth:		40			
Pumping Rate:		30			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		934180529			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		35			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		934446335			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		29			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		934966424			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		23			
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		934714282			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		23			
<i>Test Level UOM:</i>		ft			
<u><i>Water Details</i></u>					
<i>Water ID:</i>		933608075			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		25			
<i>Water Found Depth UOM:</i>		ft			

Unplottable Summary

Total: 22 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 21 Con 10	Halton Hills ON	
CA	The Regional Municipality of Halton	Main St	Halton Hills ON	
CA	The Corporation of the Town of Halton Hills	Main Street	Halton Hills ON	
CA	The Corporation of the Town of Halton Hills	Main St	Halton Hills ON	
CA	R.M. OF HALTON, ENGINEERING SERVICES	MAIN ST.PS & OVERFLOW SEWER	HALTON HILLS TOWN ON	
CA	R.M. OF HALTON	WILDWOOD RD.	HALTON HILLS TOWN ON	
CA	The Regional Municipality of Halton	Main St	Halton Hills ON	
CA	FRESNO CORPORATION	CONFEDERATION ST,PT.LOT 23/C10	HALTON HILLS TOWN ON	
CA		Within the R.O.W. of Main Street and Easement	Halton Hills ON	
CA	MEAGAN DEVELOPMENTS LIMITED	OAK RIDGE DRIVE	HALTON HILLS TOWN ON	
CONV	CON-DRAIN COMPANY (1983) LTD.		ON	
ECA	The Regional Municipality of Halton	Main St	Halton Hills ON	L6M 3L1
ECA	The Regional Municipality of Halton	Main St	Halton Hills ON	L6M 3L1
GEN	CLUBLINK CORPORATION	LOT 20, CONCESSION 10	HALTON HILLS ON	L7G 4S7
GEN	UNION GAS LIMITED 39-480	GEORGETOWN BORDER STN., MAIN ST. GEORGETOWN, C/O 50 KEIL DR.N.	CHATHAM ON	N7M 5M1
GEN	GEORGETOWN GOLF & COUNTRY CLUB	LOT 20, CONCESSION 10	HALTON HILLS ON	L7G 4S7

GEN	UNION GAS LIMITED	GEORGETOWN BORDER STATION MAIN STREET	GEORGETOWN ON	
GEN	GEORGETOWN GOLF AND COUNTRY CLUB 17-409	WORK SHOP, LOT 20 CONC 10 C/O RR #4 10TH LINE	GEORGETOWN ON	L7G 4S7
GEN	GEORGETOWN GOLF AND COUNTRY CLUB	WORK SHOP, LOT 20 CONC 10 C/O RR #4 10TH LINE	GEORGETOWN ON	L7G 4S7
GEN	GEORGETOWN GOLF AND COUNTRY CLUB	WORK SHOP, LOT 20 CONC 10	GEORGETOWN ON	L7G 4S7
PES	GRASS ROOTS LAWN & GARDEN SERVICE	R.R. #1	GEORGETOWN ON	L7G 4S4
SPL	Credit Valley Conservation Authority	Main st. - Georgetown	Halton Hills ON	

Unplottable Report

Site: Lot 21 Con 10 Halton Hills ON

Database:
AAGR

Type: Pit
Region/County: Halton
Township: Halton Hills
Concession: 10
Lot: 21
Size (ha): 0.5
Landuse:
Comments:

Site: The Regional Municipality of Halton
Main St Halton Hills ON

Database:
CA

Certificate #: 3362-757PQB
Application Year: 2007
Issue Date: 7/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the Town of Halton Hills
Main Street Halton Hills ON

Database:
CA

Certificate #: 5942-62ULW9
Application Year: 2004
Issue Date: 7/14/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Corporation of the Town of Halton Hills
Main St Halton Hills ON

Database:
CA

Certificate #: 6915-6XBLMK
Application Year: 2007
Issue Date: 1/12/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:

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

Site: R.M. OF HALTON, ENGINEERING SERVICES
MAIN ST.PS & OVERFLOW SEWER HALTON HILLS TOWN ON

Database:
CA

Certificate #: 3-0015-99-
Application Year: 99
Issue Date: 2/22/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database:
CA

Certificate #: 7-1313-87-
Application Year: 87
Issue Date: 8/31/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: The Regional Municipality of Halton
Main St Halton Hills ON

Database:
CA

Certificate #: 9156-6WPJSR
Application Year: 2006
Issue Date: 12/29/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: FRESNO CORPORATION
CONFEDERATION ST,PT.LOT 23/C10 HALTON HILLS TOWN ON

Database:
CA

Certificate #: 7-0876-99-
Application Year: 99
Issue Date: 10/29/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Within the R.O.W. of Main Street and Easement Halton Hills ON*

Database:
CA

Certificate #: 6261-4PBJ6E
Application Year: 00
Issue Date: 9/22/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Halton
Client Address: 1151 Bronte Road
Client City: Oakville
Client Postal Code: L6M 3L1
Project Description: 300 mm watermains to be constructed on Main Street and Easement in the Town of Halton Hills.
Contaminants:
Emission Control:

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

Database:
CA

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

Site: *CON-DRAIN COMPANY (1983) LTD.
ON*

Database:
CONV

File No:
Crown Brief No: 98-0000-9003
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: THIS IS THE CENTRAL BRIEF FOR ALL P.O.A. TICKETS

Location:
Region: CENTRAL REGION
Ministry District:

Background:
URL:

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation: 361/98
Section: 12(5)
Act/Regulation/Section: EPA-361/98-12(5)
Date Of Offence:
Date Of Conviction:
Date Charged: 10/23/98
Charge Disposition: SUSPENDED SENTENCE
Fine: \$425.00
Synopsis:

Site: The Regional Municipality of Halton
Main St Halton Hills ON L6M 3L1

Database:
ECA

Approval No: 4381-744PMD
Approval Date: 2007-06-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Main St
Full Address:
Full PDF Link:

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

Site: The Regional Municipality of Halton
Main St Halton Hills ON L6M 3L1

Database:
ECA

Approval No: 9354-6WPJVE
Approval Date: 2007-02-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Main St
Full Address:
Full PDF Link:

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

Site: CLUBLINK CORPORATION
LOT 20, CONCESSION 10 HALTON HILLS ON L7G 4S7

Database:
GEN

Generator No: ON1347700
Status:
Approval Years: 02
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: UNION GAS LIMITED 39-480
GEORGETOWN BORDER STN., MAIN ST. GEORGETOWN, C/O 50 KEIL DR.N. CHATHAM ON N7M 5M1

Database:
GEN

Generator No: ON0178242
Status:
Approval Years: 93,94,95,96,97
Contam. Facility:
MHSW Facility:
SIC Code: 4611
SIC Description: GAS PIPELINE TRANS.

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

--Details--

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Site: GEORGETOWN GOLF & COUNTRY CLUB
LOT 20, CONCESSION 10 HALTON HILLS ON L7G 4S7

Database:
GEN

Generator No: ON1347700
Status:
Approval Years: 97,98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 9651
SIC Description: GOLF COURSES

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

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Waste Code: 252
Waste Description: WASTE OILS & LUBRICANTS

Site: UNION GAS LIMITED
GEORGETOWN BORDER STATION MAIN STREET GEORGETOWN ON

Database:
GEN

Generator No: ON0178242
Status:
Approval Years: 98
Contam. Facility:
MHSW Facility:
SIC Code: 4611
SIC Description: GAS PIPELINE TRANS.

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

--Details--

Waste Code: 212
Waste Description: ALIPHATIC SOLVENTS

Site: GEORGETOWN GOLF AND COUNTRY CLUB 17-409
WORK SHOP, LOT 20 CONC 10 C/O RR #4 10TH LINE GEORGETOWN ON L7G 4S7

Database:
GEN

Generator No: ON1347700
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 9651

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

SIC Description: GOLF COURSES

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: GEORGETOWN GOLF AND COUNTRY CLUB
WORK SHOP, LOT 20 CONC 10 C/O RR #4 10TH LINE GEORGETOWN ON L7G 4S7

Database:
GEN

Generator No: ON1347700
Status:
Approval Years: 90
Contam. Facility:
MHSW Facility:
SIC Code: 9651
SIC Description: GOLF COURSES

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

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: GEORGETOWN GOLF AND COUNTRY CLUB
WORK SHOP, LOT 20 CONC 10 GEORGETOWN ON L7G 4S7

Database:
GEN

Generator No: ON1347700
Status:
Approval Years: 92,93
Contam. Facility:
MHSW Facility:
SIC Code: 9651
SIC Description: GOLF COURSES

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

--Details--

Waste Code: 213
Waste Description: PETROLEUM DISTILLATES

Site: GRASS ROOTS LAWN & GARDEN SERVICE
R.R. #1 GEORGETOWN ON L7G 4S4

Database:
PES

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

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

Site: Credit Valley Conservation Authority
Main st. - Georgetown Halton Hills ON

Database:
SPL

Ref No: 0806-8G4KEA
Site No:
Incident Dt: 4/20/2011
Year:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:

Incident Cause:	Discharge Or Bypass To A Watercourse	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:	43	Nearest Watercourse:	
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	Site Address:	Main st. - Georgetown
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Confirmed	Site Municipality:	Halton Hills
Nature of Impact:	Surface Water Pollution	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	Planned Field Response	Easting:	
Dt MOE Arvl on Scn:	4/20/2011	Site Geo Ref Accu:	
MOE Reported Dt:	4/20/2011	Site Map Datum:	
Dt Document Closed:	5/20/2011	SAC Action Class:	Watercourse Spills
Incident Reason:	Negligence (Apparent) - Caused by lack of diligence	Source Type:	
Site Name:	Brookfield Homes Development<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Brookfield Homes: sediment to Silver Creek. Georgetown		
Contaminant Qty:	0 other - see incident description		

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

*Government Publication Date: Sept 2002**

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2018

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Nov 2016

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jan 31, 2019

Borehole:

Provincial [BORE](#)

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

Government Publication Date: 1875-Jul 2014

Certificates of Approval:

Provincial [CA](#)

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

*Government Publication Date: 1985-Oct 30, 2011**

<u>Commercial Fuel Oil Tanks:</u>	Provincial	CFOT
List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.		
<i>Government Publication Date: Feb 28, 2017</i>		
<u>Chemical Register:</u>	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.).		
<i>Government Publication Date: 1999-Jan 31, 2019</i>		
<u>Compressed Natural Gas Stations:</u>	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.		
<i>Government Publication Date: Dec 2012 - Dec 2018</i>		
<u>Inventory of Coal Gasification Plants and Coal Tar Sites:</u>	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.*		
<i>Government Publication Date: Apr 1987 and Nov 1988*</i>		
<u>Compliance and Convictions:</u>	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.		
<i>Government Publication Date: 1989-Jan 2019</i>		
<u>Certificates of Property Use:</u>	Provincial	CPU
This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.		
<i>Government Publication Date: 1994-Jan 31, 2019</i>		
<u>Drill Hole Database:</u>	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".		
<i>Government Publication Date: 1886 - Oct 2018</i>		
<u>Dry Cleaning Facilities:</u>	Federal	DRYCLEANERS
List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.		
<i>Government Publication Date: Jan 2004-Dec 2017</i>		
<u>Environmental Activity and Sector Registry:</u>	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.		
<i>Government Publication Date: Oct 2011-Jan 31, 2019</i>		

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-Jan 31, 2019

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-Jan 31, 2019

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-Jan 31, 2019

Environmental Issues Inventory System:Federal **EIIS**

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

List of TSSA Expired Facilities:Provincial **EXP**

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

Government Publication Date: Feb 28, 2017

Federal Convictions:Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Oct 2018

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank:

Provincial

FST

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Dec 31, 2018

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2016

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

<u>TSSA Incidents:</u>	Provincial	INC
List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.		
Government Publication Date: Feb 28, 2017		
<u>Landfill Inventory Management Ontario:</u>	Provincial	LIMO
The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.		
Government Publication Date: Sep 30, 2017		
<u>Canadian Mine Locations:</u>	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*		
<u>Environmental Penalty Annual Report:</u>	Provincial	MISA PENALTY
This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.		
Government Publication Date: Jan 1, 2011 - Dec 31, 2017		
<u>Mineral Occurrences:</u>	Provincial	MNR
In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.		
Government Publication Date: 1846-Jan 2018		
<u>National Analysis of Trends in Emergencies System (NATES):</u>	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*		
<u>Non-Compliance Reports:</u>	Provincial	NCPL
The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.		
Government Publication Date: Dec 31, 2016		
<u>National Defense & Canadian Forces Fuel Tanks:</u>	Federal	NOFT
The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.		
Government Publication Date: Up to May 2001*		

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Sep 30, 2018

National Energy Board Wells:

Federal

NEBW

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGW

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

Government Publication Date: 1988-Nov 30, 2018

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-May 2018

Inventory of PCB Storage Sites:

Provincial **OPCB**

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

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

Orders:

Provincial **ORD**

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

Government Publication Date: 1994-Jan 31, 2019

Canadian Pulp and Paper:

Private **PAP**

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

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

Parks Canada Fuel Storage Tanks:

Federal **PCFT**

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial **PES**

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

Government Publication Date: 1988-Mar 2018

TSSA Pipeline Incidents:

Provincial **PINC**

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks:

Provincial **PRT**

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial **PTTW**

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

Government Publication Date: 1994-Jan 31, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial **REC**

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

Government Publication Date: 1986-2016

<u>Record of Site Condition:</u>	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).		
<i>Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2019</i>		
<u>Retail Fuel Storage Tanks:</u>	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.		
<i>Government Publication Date: 1999-Jan 31, 2019</i>		
<u>Scott's Manufacturing Directory:</u>	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.		
<i>Government Publication Date: 1992-Mar 2011*</i>		
<u>Ontario Spills:</u>	Provincial	SPL
This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.		
<i>Government Publication Date: 1988-Dec 2018</i>		
<u>Wastewater Discharger Registration Database:</u>	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).		
<i>Government Publication Date: 1990-Dec 31, 2016</i>		
<u>Anderson's Storage Tanks:</u>	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.		
<i>Government Publication Date: 1915-1953*</i>		
<u>Transport Canada Fuel Storage Tanks:</u>	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.		
<i>Government Publication Date: 1970-Aug 2018</i>		
<u>TSSA Variances for Abandonment of Underground Storage Tanks:</u>	Provincial	VAR
List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.		
<i>Government Publication Date: Feb 28, 2017</i>		

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-Jan 31, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

*Government Publication Date: Up to Oct 1990**

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31, 2017

Definitions

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

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

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

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

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'


Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



Appendix C – Regulatory Requests

Freedom of Information Request

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

Requester Data			For Ministry Use Only	
Name, Title, Company Name and Mailing Address of Requester Tanner Leonhardt, B.Eng DS Consultants Ltd. 6221 Highway 7, Unit 16 Vaughan, ON, L4H 0K8 Email Address: tanner.leonhardt@dsconsultants.ca			FOI Request No.	Date Request Received
			Fee Paid <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input checked="" type="checkbox"/> VISA-MC <input type="checkbox"/> CASH	
Telephone/Fax Nos. Tel : 905-264-9393	Your Project/Reference No. 19-025-100	Signature of Requester 	<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Request Parameters				
Municipal Address / Lot, Concession, Geographic Township (Municipal address essential for cities, towns or regions) Part of Lot 21, Concession 9, Town of Halton Hills, Municipality of Halton.				
Present Property Owner(s) and Date(s) of Ownership Glen Ridge Estates Inc				
Previous Property Owner(s) and Date(s) of Ownership				
Present/Previous Tenant(s), (if applicable)				
Search Parameters			Specify Year(s) Requested	
Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.				
Environmental concerns (General correspondence, occurrence reports, abatement)			All Years	
Orders			All Years	
Spills			All Years	
Investigations/prosecutions → Owner AND tenant information must be provided			All Years	
Waste Generator number/classes			All Years	
Certificates of Approval → Proponent information must be provided				
1985 and prior records are searched manually. Search fees in excess of \$300.00 could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number (s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.				
			SD	Specify Year(s) Requested
air - emissions				1986- present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)				1986- present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations				1986- present
waste water - industrial discharge				1986- present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites				1986- present
waste systems - PCB destruction, mobile waste processing units, haulers, sewage, non-hazardous & hazardous waste				1986- present
pesticides - licenses				1986- present

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

From: Public Information Services <publicinformationservices@tssa.org>
Sent: March 5, 2019 12:03 PM
To: tanner.leonhardt@dsconsultants.ca
Subject: RE: UST/AST Search

Hello Tanner,

Thank you for your request for confirmation of public information.

I was not able to locate any record in our database for the below mentioned lot and concession number in Halton Hills.

However, I did find a record for the same lot and concession number in Luther, ON. Please see below in case it is of relevance to you.

Inst Number	Context	Address	City	Province	Postal Code	Status
9228865	FS PRIVATE FUEL OUTLET - SELF SERVE	LOT 21 CON 9 E GRAND VALLEY	LUTHER	ON	L0N 1G0	Under Review
10767022	FS LIQUID FUEL TANK	LOT 21 CON 9 E GRAND VALLEY	LUTHER	ON	L0N 1G0	Active
10767031	FS LIQUID FUEL TANK	LOT 21 CON 9 E GRAND VALLEY	LUTHER	ON	L0N 1G0	Active

For a further search in our archives, or for copies of documents, please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org or through mail along with the appropriate fee. TSSA's fee schedule can be found at: https://www.tssa.org/en/about-tssa/resources/Documents/Public-Information-Fee-Schedule_Jan_2018.pdf. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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

Kind regards,

Yalini



Yalini Kanagendran | Public Information Agent
Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3449 | Fax: +1-416-231-6183 | E-Mail: publicinformationservices@tssa.org
www.tssa.org
f t x

From: tanner.leonhardt@dsconsultants.ca <tanner.leonhardt@dsconsultants.ca>
Sent: March 4, 2019 4:21 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: UST/AST Search

Hello,

Could you please search your records for:

Part of Lot 21, Concession 9, Town of Halton Hills, Municipality of Halton.
PIN 25012-0186(LT)

For records of ASTs and/or USTs.
Thank you!

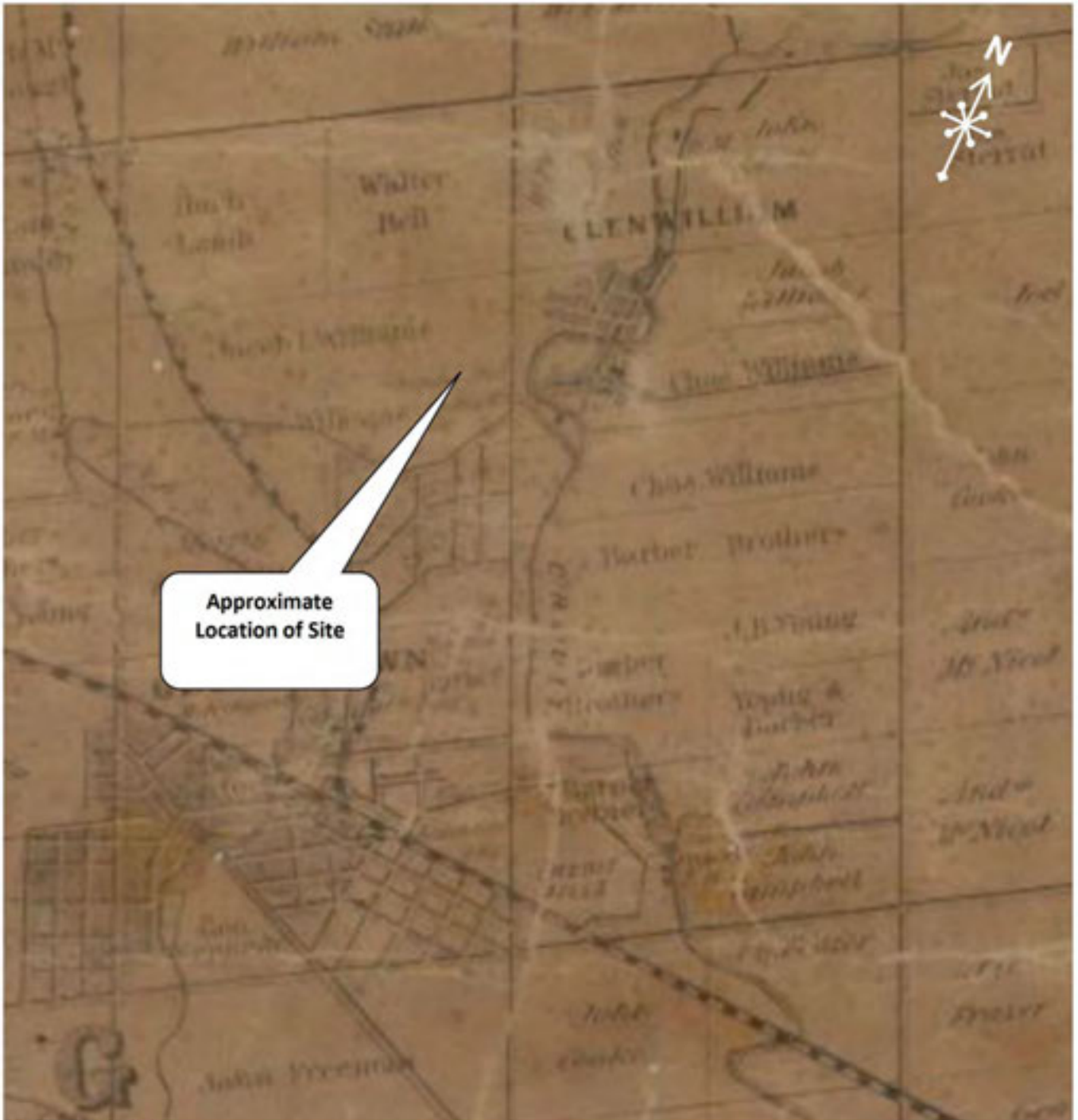


Tanner Leonhardt
Environmental Technician
DS Consultants Ltd.
6221 Hwy. 7, Unit 16, Vaughan, ON, L4H 0K8
Tel: 905-264-9393
Cell: 519-770-7238
www.dsconsultants.ca

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Appendix D – Aerial Photographs



**Approximate
Location of Site**

University of Toronto

HALTON COUNTY MAP: 1858



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

Scale:
NTS

Date:
Mar-19

Project:
19-025-100

**PHASE I ENVIRONMENTAL SITE
ASSESSMENT**
Part of Lot 21, Concession 9, Town of
Halton Hills, Ontario

Prepared For: Urbantech Consulting

Prepared By:
TL

Reviewed By:
RF

Drawing No.
D-1



© National Collection



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

AERIAL PHOTOGRAPH: 1946

Scale:
 ~1:5,500

Date:
 Mar-19

Project:
 19-025-100

**PHASE I ENVIRONMENTAL SITE
 ASSESSMENT**
 Part of Lot 21, Concession 9, Town of
 Halton Hills, Ontario

Prepared For: Urbantech Consulting

Prepared By:
 TL

Reviewed By:
 RF

Drawing No.
D-2



© National Collection



6221 Highway 7
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 1974

Scale:
~1:5,000

Date:
Mar-19

Project:
19-025-100

**PHASE I ENVIRONMENTAL SITE
ASSESSMENT**
Part of Lot 21, Concession 9, Town of
Halton Hills, Ontario

Prepared For: Urbantech Consulting

Prepared By:
TL

Reviewed By:
RF

Drawing No.
D-3



© National Collection



6221 Highway 7
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

AERIAL PHOTOGRAPH: 2004

Scale:
~1:4,600

Date:
Mar-19

Project:
19-025-100

**PHASE I ENVIRONMENTAL SITE
ASSESSMENT**
Part of Lot 21, Concession 9, Town of
Halton Hills, Ontario

Prepared For: Urbantech Consulting

Prepared By:
TL

Reviewed By:
RF

Drawing No.
D-4



© Google Earth



6221 Highway 7
Vaughan, ON L4H 0K8

T: 905-264-9393 F: 905-264-2685

SATELLITE IMAGE: 2018

Scale:
~1:4,600

Date:
Mar-19

Project:
19-025-100

**PHASE I ENVIRONMENTAL SITE
ASSESSMENT**
Part of Lot 21, Concession 9, Town of
Halton Hills, Ontario

Prepared For: Urbantech Consulting

Prepared By:
TL

Reviewed By:
RF

Drawing No.
D-5



Appendix E – Site Photographs



Picture 1: View of the back of several residential structures on the east adjacent property, looking east.



Picture 2: View of the woodlot on the east portion of the Property, looking south.



Picture 3: View of the north end of the Property, with the north adjacent Property visible north of the fence line.



Picture 4: View of the woodlot to the northwest of the Property, with the residential buildings in the west adjacent properties visible in the distance.



Picture 5: View of lower central portion of the Property, looking west.



Picture 6: View of the lower central portion of the Property, looking east.



Picture 7: View of the southwest portion of the Property, occupied mainly by grassland, facing south.



Picture 8: View of the fill material located on the western portion of the Property, facing north.



Picture 9: View from the top of the western fill pile, facing southwest.



Picture 10: Alternate view of the western fill pile, facing northeast.



Picture 11: View of the fill material in central portion of the Site.



Picture 12: View of the fill material observed in vicinity of former barn – east site of Site.



Picture 13: View of the tributary of the Credit River on the Site.



Picture 14: View of the overgrown fill material in central portion of Site.



Picture 15: View of the woodlot on the southeastern portion of the Property, looking south.



Picture 16: View of the east adjacent residential buildings, facing northeast.



Picture 17: View of additional east adjacent residential buildings, facing east.



Picture 18: View of the Credit River, located 70m east of the Property, on the adjacent side of Confederation Street.