



FINAL

# Phase One Environmental Site Assessment

5520 & 5552 8th Line  
Erin, Ontario

Prepared for:

**Mattamy Homes**  
**c/o Shad & Associates Inc.**  
83 Citation Way, Unit 9  
Vaughan, Ontario L4K 2Z6

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## 1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by Mattamy Homes (Client) c/o Shad & Associates Inc. (Shad) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 5520 & 5552 8th Line in the Erin, Ontario (the Site or Phase One Property). The Phase One Property is presently developed with two residential dwellings and a barn (Site Buildings A through C), an animal pasture, agricultural fields, and forested land.

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

This Phase One ESA was conducted at the request of the Client to facilitate a proposed residential development of the Phase One Property. Although the proposed redevelopment does not result in a change of land use to a more sensitive land use, it is Pinchin's understanding that the Town Erin requires the filing of a Record of Site Condition (RSC) with the Ontario Ministry of the Environment, Conservation and Parks (MECP) before the development can proceed. As such, this Phase One ESA report has been prepared in accordance with O. Reg. 153/04.

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

- **A Records Review:** Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs, Fire Insurance Plans, Property Underwriters' Reports and Property Underwriters' Plans, chain of title search results, historical environmental assessments relevant to the Phase One Property and a regulatory data base search. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exists, including searches of MECP and Technical Standards and Safety Authority records.
- **Interviews:** Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area.



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

The Phase One Property is described as Part of Lots 16 and 17, Concession 8 and is situated at the municipal address 5520 & 5552 8<sup>th</sup> Line, Town of Erin, Ontario and is currently owned by Mattamy Homes.

Based on Pinchin's review of the historical chain of titles and aerial photographs dating back as early as 1954, the Phase One Property was owned by various private landowners and numbered companies since the early to mid 1800's. The Phase One Property has been developed with residential dwellings and barns associated with agricultural and animal husbandry since the approximately 1969. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

Based on the findings of this Phase One ESA, Pinchin identified two PCAs at the Phase One Property (i.e., on-Site) and two PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site) as summarized in Table 2. The off-Site PCAs are not considered APECs at the Phase One Property given the inferred groundwater flow direction and/or the low mobility of the potential contaminants of concern (COPCs) (i.e., potential application of pesticides).

All APECs identified during the Phase One ESA, as well as their respective PCAs, COPCs and the media which could potentially be impacted, are summarized in Table 3.

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



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

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



## 2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

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

This Phase One ESA was conducted at the request of the Client to facilitate a proposed development of the Phase One Property. It is Pinchin's understanding that the Phase One Property will be developed for residential use. Although the proposed development does not result in a change of land use to a more sensitive land use, it is Pinchin's understanding that the Client requires the Phase One to be completed in accordance with O. Reg. 153/04 as part of development. As such, this Phase One ESA report has been prepared in accordance with O. Reg. 153/04 to support the filing of an RSC for the Phase One Property.

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was from November 2020 to May 2021 which included the records review, Site reconnaissance, interviews and reporting.

### 2.1 Phase One Property Information

The Phase One Property is described as Part of Lots 16 and 17, Concession 8 and holds municipal addresses 5520 & 5552 8<sup>th</sup> Line, Town of Erin, Ontario. The Phase One Property is currently owned by Mattamy Homes. The Phase One Property is located at the southwest corner of the intersection of Sideroad 17 and 8<sup>th</sup> Line in the Town of Erin (all Figures are provided in Appendix B). A plan showing the Phase One Property is provided as Figure 2, and the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix C. A current legal survey of the Phase One Property is included in Appendix D.



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

Detail	Source / Reference	Information
Legal Description	Legal Survey Drawing provided by the Client, Service Ontario Parcel Register	Parts of Lots 16 and 17 Concession 8, Town of Erin, Wellington County.
Municipal Address	Client	5220 & 5552 8 <sup>th</sup> Line, Town of Erin, Ontario
Parcel Identification Number (PIN)	Land Registry Office #61	71150-0417 (LT)
Current Owner	Authorization to Proceed Form for Pinchin Proposal	Mattamy Homes
Owner Contact Information	Client	Mattamy Homes Inc. c/o Shad & Associates Inc., 83 Citation Drive, Unit 9, Vaughan, ON, L4K 2Z6 Phone: 905-760-5566 <a href="mailto:houshang@shadinc.ca">houshang@shadinc.ca</a>
Current Occupant	Client	Site Building A – occupied, private resident Site Building C – under construction (vacant)
Occupant Contact Information	Not applicable	Not applicable
Client	Authorization to Proceed Form for Pinchin Proposal	Mattamy Homes. c/o Shad & Associates Inc.
Client Contact Information	Client	Dr. Houshang Shad c/o Shad & Associates Inc. 83 Citation Drive, Unit 9, Vaughan, ON, L4K 2Z6 Phone: 905-760-5566 <a href="mailto:houshang@shadinc.ca">houshang@shadinc.ca</a>
Site Area	Client	618,530 m <sup>2</sup> (158.8 acres)
Current Zoning	Online-Information: County of Wellington By-Law 07-67, Consolidation Date: June 2018.	Agricultural
Centroid UTM Co-ordinates	Google Earth	573294.56 Easting
		4846150.81 Northing
		Zone 17T



### **3.0 SCOPE OF INVESTIGATION**

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

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

### **4.0 RECORDS REVIEW**

#### **4.1 General**

Identified on-Site and off-Site PCAs described in this and subsequent report Sections are summarized in Table 2 and their locations are shown on Figure 4. APECs at the Phase One Property are illustrated on Figure 5.



Each on-Site PCA is associated with an APEC at the Phase One Property. Each off-Site PCA was characterized as to whether it resulted in an APEC at the Phase One Property. In making this determination, the proximity, location relative to the inferred groundwater flow direction, nature of operations and potential contaminants were considered. In general, PCAs that were relatively close to the Phase One Property and/or were at properties upgradient of the Phase One Property with respect to the inferred groundwater flow direction were considered PCAs resulting in APECs. Conversely, PCAs that were distant from the Phase One Property and/or were at properties downgradient or transgradient of the Phase One Property with respect to the inferred groundwater flow direction were not considered PCAs resulting in APECs. The type of operations and potential contaminants associated with the PCAs were also evaluated. Factors such as whether the PCA had a high probability of contamination (e.g., dry cleaners, retail fuel outlets (RFOs), automotive service garages, etc.) and mobility of the potential contaminants in the subsurface were considered during the evaluation.

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

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

#### *4.1.2 First Developed Use Determination*

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

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

Based on Pinchin's review of aerial photographs dating as early as 1954, the Phase One Property was developed with row crop agricultural fields and forested land. The Phase One Property consisted of inferred residential dwellings and an inferred barn. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

#### *4.1.3 Fire Insurance Plans*

Pinchin contacted Opta Information Intelligence (Opta) to obtain FIPs related to the Phase One Property and the Phase One Study Area. A response was received from Opta dated November 2, 2020, which



indicated that no FIPs for the Phase One Property and Phase One Study Area were available. The Opta response is provided in Appendix E.

#### 4.1.4 Chain of Title

Pinchin retained freelance land title search professionals through Environmental Risk Information Services (ERIS) to complete a historical chain of title search for the Phase One Property. The chain of title search was completed from the earliest record of land ownership for the Phase One Property (i.e., patent) to the present to determine if ownership information would infer any PCAs at the Phase One Property that should be evaluated.

The chain of title search results have been incorporated into Table 1, which summarizes the current and past land uses of the Phase One Property. Based on Pinchin's review of the chain of title search, nothing was identified with respect to the previous or current ownership that is considered a PCA at the Phase One Property.

#### 4.1.5 Environmental Reports

Pinchin reviewed the following report as provided by the Client and prepared by Pinchin:

- *"Phase I Environmental Site Assessment, 5520 8th Line, Erin, Ontario"*, for Mattamy Homes c/o Shad & Associates Inc. and dated January 12, 2021 (2021 Pinchin Phase I ESA Report).

#### 2021 Pinchin Phase I ESA

Pinchin was retained by Mattamy Homes c/o Shad & Associates Inc. to complete a Phase I ESA. The objective of this work was for due diligence purposes for land acquisition. The Phase I ESA was completed 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 and regulatory records, a Site reconnaissance, interviews, an evaluation of information and reporting. Based on Pinchin's review of the 2021 Pinchin Phase I ESA, the following salient information was noted:

- The Phase One Property had been used for agricultural purposes dating back prior to 2000s based on Pinchin's review of historical information including aerial photographs;
- Historically an aboveground storage tank (AST) containing heating oil was located in the basement of Site Building A and was removed in approximately 2004. The AST and associated fill and vent pipe was located on the southwest elevation of Site Building A; and
- A propane AST was present at a residential dwelling located within the northwest portion of the Phase One Property.



The results of the 2021 Pinchin Phase I ESA Report indicated that there were no significant potential environmental concerns associated with the current and historical use of the Site and adjacent properties and, as such, no further environmental assessment work was recommended.

#### ***4.1.5.1 Previous Environmental Report Summary***

Based on Pinchin's review of the above-referenced previous environmental report, the following PCAs were identified within the Phase One Study Area that are considered to result in APECs at the Phase One Property:

- PCA #1: The historical use of the Phase One Property for agricultural purposes, including the potential use of pesticides; and
- PCA #2: The former presence of an AST located in the basement of Site Building A.

## **4.2 Environmental Source Information**

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

### ***4.2.1 Environmental Database Search – ERIS***

Pinchin retained ERIS to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. Unless otherwise noted, information obtained from the ERIS database search was reviewed for the entire Phase One Study Area. A copy of the ERIS report is provided in Appendix G and the results of the database search are described in the following sections.

#### ***4.2.1.1 National Pollutant Release Inventory***

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

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

#### ***4.2.1.2 Ontario Inventory of PCB Storage Sites***

The MECP's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the MECP. This



database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

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

#### *4.2.1.3 National PCB Inventory*

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

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

#### *4.2.1.4 Certificates of Approval*

ERIS completed a search of the MECP database for information regarding Certificates of Approval (Cs-of-A). The MECP maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MECP mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MECP no longer issues Cs-of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011. O. Reg. 153/04 indicates that information from the C-of-A database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the C-of-A database identified no information regarding Cs-of-A for the Phase One Property or for properties adjacent to the Phase One Property.

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

ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding these databases are provided in the ERIS report in Appendix G.

The ERIS database search identified no information regarding ECAs or CPUs for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the PTTW database identified no information regarding PTTWs for the Phase One Property. One property within the Phase One Study Area was identified in the PPTW database search



(5525 8<sup>th</sup> Line). The PPTW is associated with a golf course and such, Pinchin does not consider the activity related to PPTW at the property adjacent to the Phase One Property to represent PCAs.

#### *4.2.1.6 Inventory of Coal Gasification Plants*

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

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

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

#### *4.2.1.7 Environmental Incidents, Orders, Offences and Spills*

ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding the searched databases are provided in the ERIS report in Appendix G.

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

- No records were found of environmental incidents, orders, offences or spills for the Phase One Property.
- No records were found of environmental incidents, orders or offences for properties adjacent to the Phase One Property except for the following:
  - According to the Ontario Spills and Pipeline Incidents databases, a natural gas release occurred on June 18, 2019 at 13 Delerin Crescent. This property is located approximately 90 m northeast of the Phase One Property and situated hydraulically transgradient with respect to the inferred groundwater flow direction. Based on this information, as well as the nature of the release (i.e., air), the potential for the documented off-Site spill to have impacted the Phase One Property is considered low and therefore does not result in a PCA; and
  - According to the Fuel Oils Spills and Leaks database, on November 21, 2012, an unknown amount of fuel oil leaked from a compressor fitting at 5487 8<sup>th</sup> Line. This property is located approximately 200 m southeast of the Phase One



Property and is situated hydraulically downgradient of the Site relative to the inferred groundwater flow direction. Based on this information as well as the distance from the Phase One Property, the potential for the documented off-Site spill to have impacted the Phase One Property is considered low and therefore does not result in a PCA.

#### ***4.2.1.8 Waste Management Records***

##### Waste Generators

ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution, etc. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

O. Reg. 153/04 indicates that information from the Waste Generator database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste generators within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Generator Database Review Area.

The ERIS search of the O. Reg. 347 Waste Generators database found no information regarding the Waste Generator Database Review Area.

##### Waste Receivers

ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database contains registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants.

O. Reg. 153/04 indicates that information from the Waste Receivers database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to



the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste generators within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Receivers Database Review Area.

The ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Waste Receivers Database Review Area.

#### **4.2.1.9 Fuel Storage Tanks**

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

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

#### **4.2.1.10 Notices and Instruments**

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

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

#### **4.2.1.11 Areas of Natural Significance.**

ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map is included in the ERIS report in Appendix G. In addition, Pinchin reviewed information provided on the Ministry of Natural Resources and Forestry's (MNRF) Natural Heritage Information Centre (NHIC) website. Based on these information sources, the following was noted for the Phase One Property and Phase One Study Area:

- Provincially significant wetlands are located on the northwest and south portions of the Phase One Property. The wetlands are part of the West Credit River Wetland complex and have been evaluated as provincially significant. The wetlands types are noted as swamps. Figure 2 shows the approximate locations of the wetlands;
- Woodlots are located through-out the Phase One Property. No additional information pertaining to the woodlots are provided on the MNRF mapping;



- A Natural Heritage System area, noted as undifferentiated enabling plan greenbelt plan is located within the Phase One Study Area; however, is not present on the Phase One Property; and
- Species at risk are noted to be present at the Phase One Property, as well as within the Phase One Study area relating to snapping turtles. No further details are provided pertaining to the species at risk.

#### **4.2.1.12**      *Landfill Information*

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

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

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

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

The search was requested on October 20, 2021 and a response was received from the MECP on May 5, 2021. The MECP response indicated that no records were available for the Phase One Property.

A copy of the MECP response is provided in Appendix H.

#### **4.2.3**      *Technical Standards and Safety Authority Search*

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

Pinchin contacted the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property, and to determine whether any records of regulatory non-compliance exist. An e-mail response was issued by the TSSA on November 30, 2020 indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property or the off-Site properties listed above.



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

#### *4.2.4 Property Underwriters' Reports and Plans*

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

Pinchin contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. A response was received from Opta dated November 2, 2020, which indicated that no PURs or PUPs for the Phase One Property were available. The Opta response is provided in Appendix E.

#### *4.2.5 City Directories*

At the time of writing this report, and due to temporary closures of Public Libraries and the Archives of Canada, city directories were not available for Pinchin's review. However, it is unlikely that city directories would be available for the Phase One Property and Phase One Study Area given its rural setting.

### **4.3 Physical Setting Sources**

#### *4.3.1 Aerial Photographs*

Pinchin reviewed aerial photographs of the Phase One Property and surrounding properties within the Phase One Study Area to assess the potential for historical PCAs. Copies of aerial photographs dated 1954, 1969, 1976, 1980 and 2015 were obtained from the ERIS and reviewed by Pinchin. In addition, Pinchin reviewed Google Earth™ Satellite Imagery dated 2004 and 2019.

Efforts were made by Pinchin to obtain aerial photographs that:

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

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



Year of Photograph	Phase One Property
1954	The Phase One Property appeared to be occupied by inferred row crop agricultural fields and forested land. An inferred barn similar in size and configuration to Site Building B was present on the northeast portion of the Phase One Property.
1969, 1976 and 1980	Similar to 1954 with an inferred residential building similar to Site Building A was present.
2004, 2015 and 2019	Similar to 1980 with an inferred residential building similar to Site Building C was present.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property has been developed with two inferred residential dwellings, a barn and has been utilized for row crop cultivation prior to 1954 until approximately 2019.

The aerial photograph review identified the following PCA on the Phase One Property:

- The inferred row crop agricultural fields observed in in the aerial photographs and satellite images reviewed between 1954 and 2019 represent PCA # 40- Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications (the historical use of the Phase One Property for agricultural purposes, including the potential use of pesticides).

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

- Inferred agricultural lands were located north and south of the Phase One Property from at least 1954 to 2019. The historical use of this land for agricultural purposes, including the potential use of pesticides represents PCA # 40. Given that the inferred groundwater flow direction and/or the low mobility of the COCs (i.e., pesticides), these off-Site PCAs are considered to result in an APEC at the Phase One Property.

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

#### 4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, ranges from approximately 405-460 m above mean sea level (mamsl). The south-central portion of the Phase One Property is at a higher elevation (460 mamsl) and appears to be a mound which slopes down towards the northwest and southeast. The general topography in the local and surrounding areas is generally undulating topography. No bedrock outcrops were observed on-Site or in the surrounding area.



A review of the available physiographical data indicates that the Phase One Property and the surrounding properties located within the Phase One Study Area are located within glaciofluvial deposits of proglacial outwash as the dominant landform with the primary native material consisting of sand and gravel. The southwest and south-central portions of the Phase One Property consist of glacial deposits of diamicton as the dominant landform with the primary native material consisting of sandy silt till. The southeast portion of the Phase One Property consists of glaciofluvial deposits as the dominant landform with the primary native material consisting sand, gravel and some till. Bedrock is expected to consist of sandstone, shale, dolostone and siltstone of the Armabel Formation.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the unconfined groundwater beneath the Phase One Property is expected to flow in a southeasterly direction. One pond is located along the northwestern portion of the Phase One Study Area. The nearest major water body is the Credit River, with a tributary located approximately 25 m northwest of the Phase One Property at an elevation of approximately 400 mamsl. The Credit River flows southwest.

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

#### *4.3.3 Fill Materials*

The historical records review provided no information regarding the presence of fill material at the Phase One Property.

Although the Phase One ESA did not identify any historical or current fill material at the Phase One Property, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

#### *4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information*

No water bodies were identified on the Phase One Property or on surrounding properties within the Phase One Study Area, with the following exceptions:

- A pond located in the northwestern portion of the Phase One Property;
- A pond located adjacent to the northwest of the Phase One Property; and
- A tributary of the Credit River is located approximately 25 m northwest of the Phase One Property.



The Area of Natural & Scientific Interest map prepared by ERIS (see Appendix G) and information provided on the MNRF's NHIC website identified the following areas of natural significance within the Phase One Study Area, including the Phase One Property:

- A review of the municipal plan of Wellington County, indicated that the entirety of the Phase One Study Area is located within a well head protection area with the exception of a small portion of the northeast and southeast portions of the Phase One Study Area;
- Provincially significant wetlands are located on the northwest and south portions of the Phase One Property. The wetlands are part of the West Credit River Wetland complex and have been evaluated as provincially significant. The wetlands types are noted as swamps. Figure 2 shows the approximate locations of the wetlands;
- Woodlots are located through-out the Phase One Property. No additional information pertaining to the woodlots are provided on the MNRF mapping;
- A Natural Heritage System area, noted as undifferentiated enabling plan greenbelt plan is located within the Phase One Study Area; however, is not present on the Phase One Property; and
- Species at risk are noted to be present at the Phase One Property, as well as within the Phase One Study area relating to snapping turtles. No further details are provided pertaining to the species at risk.

The records review indicated that the Phase One Property and all other properties within the Phase One Study Area are serviced by municipal drinking water supply wells.

The Water Well Information System database search completed by ERIS identified three water wells used for human consumption at the Phase One Property and one water well used for agricultural use (i.e., irrigation) within the Phase One Study Area outside of the Phase One Property. Details regarding these wells are provided in the ERIS report in Appendix G and their locations are shown on Figures 2 and 5, respectively.

#### 4.3.5 *Well Records*

A search of the Water Well Information System database by ERIS identified three water well records for the Phase One Property. A summary of pertinent information included in the ERIS report with respect to this well is provided in the following table:



<b>MECP Well ID (ERIS ID)</b>	<b>Location</b>	<b>Stratigraphy</b>	<b>Approximate Depth to Bedrock</b>	<b>Approximate Depth to Water Table</b>
6712830 (WWIS-1)	Northeast portion of the Phase One Property	Clay and sand (0- 6.1 mbgs) Clay with stones and sand (6.1- 25.9 mbgs) Clay with stones (25.9-41.1)	41.1 mbgs	42.6 mbgs
6700734 (WWIS-2)	Northeast portion of the Phase One Property	Topsoil (0-0.61 mbgs) Clay with stones (0.61- 16.8 mbgs) Fine sand (16.8- 21.3 mbgs) Gravel (21.3- 25.3) Fine silty sand (25.3- 32.0 mbgs) Fine silty sand with clay seams (32.0- 51.2 mbgs) Fine gravel (51.2- 51.5 mbgs)	51.5 mbgs	51.5 mbgs
6700737 (WWIS-3)	Northwest portion of the Phase One Property	Clay rocks (0- 14.6 mbgs)	14.6 mbgs	25.9 mbgs

The Water Well Information System database search also identified 23 water well records within the Phase One Study Area outside of the Phase One Property. Details regarding these off-Site wells, including stratigraphic information, depth to bedrock and/or depth to the water table, are provided in the ERIS report included in Appendix G.

The ERIS report search results indicated that most of the wells identified within the Phase One Study Area were installed for domestic water supply for livestock and that the margin of error associated with the UTM coordinates is reported to be 100 to 300 m.

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

The Phase One Property is not an Enhanced Investigation Property (see Section 6.3). As such, site operating records were not reviewed as part of the Phase One ESA.



## 5.0 INTERVIEWS

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

<b>Person Interviewed</b>	<b>Relationship to Phase One Property</b>	<b>Date and Place of Interview</b>	<b>Interview Method</b>
Gary Langen	Former owner	November 4, 2020	In person at the Phase One Property.

## 6.0 SITE RECONNAISSANCE

### 6.1 General Requirements

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

The Site reconnaissance was completed on of the southeast portion of the Site on November 4, 2020, Pinchin returned on January 6, 2021 to complete a second Site reconnaissance of the northwest portion of the Site by a Pinchin representative (i.e. Mr. Jason Laplante), under the direct supervision of Pinchin's QP overseeing this project.

Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property with the exception of the interior of Site Building A which could not be accessed due to health and safety measures current in place during the ongoing pandemic.

At the time of the November 4, 2020 Site reconnaissance, the ground surface was dry, and the weather was clear. At the time of the January 6, 2020 Site reconnaissance, the ground surface was covered with snow limiting exterior observations, and the weather was partly sunny. The Phase One Property reconnaissance was conducted on foot and consisted of a full walk-through of the property. There were no access restrictions for Pinchin for the Phase One Property with the exception of Site Building A, as noted above. At the time of the Site reconnaissance, the Phase One Property consisted of two residential dwellings and a barn (Site Buildings A through C), an animal pasture, agricultural fields and forested land.



Photographs taken during the Site reconnaissance that illustrate the interior and exterior of the Site Buildings, Phase One Property and Phase One Study Area are provided in Appendix C. With reference to Appendix C, the following table provides a summary of photographs that illustrate PCAs and APECs identified at the Phase One Property during the Site reconnaissance:

<b>Photograph No.</b>	<b>Orientation</b>	<b>Description</b>
7	North portion of the Phase One Property	Agricultural Fields

## **6.2 Specific Observations at Phase One Property**

### *6.2.1 Description of Buildings and Structures*

During the Site reconnaissance, Pinchin observed two residential dwellings (Site Building A and C) located on the northeast and central-north portions of the Phase One Property. Site Building A appeared to consist of a single-story bricked structure constructed in approximately 1969. Site Building C appeared to consist of a two-story wood panelled structure constructed approximately between 2004. Both Site Buildings A and C consisted of a basement level encompassing the entirety of the Site Buildings. In addition, Pinchin observed a barn structure (Site Building B) located northeast of Site Building A. The barn appeared to consist of a single-story stone and wood structure constructed approximately 1954.

### *6.2.2 Description of Below-Ground Structures*

During the Site reconnaissance, Pinchin did not observe any current below-ground structures on the Phase One Property with the exception of a basement that encompassed the entire footprint of Site Buildings A and C.

There were no additional below-ground structures present on the Phase One Property at the time of the Site reconnaissance.

### *6.2.3 Description of Tanks*

During the Site reconnaissance, Pinchin observed evidence of one in-use steel propane AST with a capacity of 3,786-L. The AST located at the northwest corner of Site Building A and is used to supply fuel for the forced-air furnace.

### *6.2.4 Potable and Non-Potable Water Sources*

A potable water supply well was located at the southwest portion of Site Building B (see Figure 2). Further details regarding this well are provided in Section 6.2.12.



#### *6.2.5 Description and Location of Underground Utilities*

Based on underground utility locates completed in May 19, 2021 and May 25, 2021, hydro lines enter Site Building A and C via aboveground lines running in a north/south orientation along 8<sup>th</sup> Line to the northeast side of both Site Buildings. Communications/telephone cables run in an east/west orientation along 8<sup>th</sup> Line to the northeast side of both Site Buildings.

Water and sanitary sewer services enter the west side of Site Building A. There are currently no active underground utilities at Site Building B.

#### *6.2.6 Entry and Exit Points*

The main door entry/exit point for Site Building A is located at the north elevation. An additional entry/exit point to Site Building A is located at the south elevation. Several entry/exit points are located along the perimeter of both Site Buildings B and C.

#### *6.2.7 Details of Heating System*

Heating for Site Building A is supplied by a propane gas-fired forced air furnace. The fuel supply for the furnace is provided by a 3,786-L (1000-gallon) propane AST located at the northwest corner of Site Building A.

#### *6.2.8 Details of Cooling System*

There were no cooling systems observed.

#### *6.2.9 Details of Drains, Pits and Sumps*

No pits or sumps were observed in Site Buildings B and C. During the Site reconnaissance, Pinchin did not observe the interior of Site Building A.

#### *6.2.10 Unidentified Substances within Buildings and Structures*

During the Site reconnaissance, Pinchin did not observe the interior of Site Building A, however it is assumed that small volumes of various cleaning solutions were stored in their original containers on shelves within various locations within the Site Building. No bulk liquid storage was observed on-Site.

#### *6.2.11 Details of Staining and Corrosion*

During the Site reconnaissance, Pinchin did not observe the interior of Site Building A.

#### *6.2.12 Details of On-Site Wells*

A domestic water well was observed on the southwest portion of Site Building B. Pinchin was not provided with any information on the date of installation or construction details of the well.



#### *6.2.13 Details of Sewage Works*

The Site Representative indicated a septic bed was located southwest of Site Building A. Pinchin did not observe any sewage works or evidence of sewage disposal at Site Building C, however Pinchin assumed that a septic tank/bed is associated with the residential dwelling.

#### *6.2.14 Details of Ground Cover*

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Landscaped areas are located along the perimeter of Site Building A. A gravelled driveway is associated with Site Buildings A and C. The remainder of the Phase One Property exterior consists of animal pasture, agricultural fields, and forested land.

#### *6.2.15 Details of Current or Former Railways*

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

#### *6.2.16 Areas of Stained Soil, Vegetation and Pavement*

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

#### *6.2.17 Areas of Stressed Vegetation*

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

#### *6.2.18 Areas of Fill and Debris Materials*

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

#### *6.2.19 Potentially Contaminating Activities*

A PCA is defined by O. Reg. 153/04 as a “use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area” including the Phase One Property.

The PCAs observed on the Phase One Property during the Site reconnaissance are included in Table 2. Details regarding these PCAs (e.g., locations, potential contaminants of concern, and rationale for inclusion) are provided in the preceding sections of this report and are further summarized in Section 7.2.

#### *6.2.20 Unidentified Substances Outside Buildings and Structures*

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances on the exterior of the Phase One Property.



### 6.2.21 Surrounding Land Uses

During the Site reconnaissance, Pinchin conducted a visual assessment of publicly-accessible portions of the Phase One Study Area for the presence of PCAs. The properties in the Phase One Study Area have various land uses, including residential, commercial and agricultural/forested. Land use types within the Phase One Study Area are presented on Figure 3.

The following table summarizes the land use on adjacent properties at the time of the Site reconnaissance:

<b>Direction Relative to Phase One Property</b>	<b>Location Relative to Inferred Groundwater Flow Direction</b>	<b>Description of Property Use</b>	<b>Property Use</b>	<b>Potential Contribution to PCA and/or APEC</b>
Northeast	Transgradient	8 <sup>th</sup> line followed by Erin Heights Golf Club (5525 8 <sup>th</sup> Line) and single-family residential dwellings.	Residential/ Commercial	Land uses are not considered to represent PCAs.
Northwest	Upgradient	Sideroad 17 followed by forested land.	Agricultural/ forested	Land use is not considered to represent PCA.
Southeast	Downgradient	Forested land beyond to beyond 250 m from the Phase One Property.	Agricultural/ forested	Land use is not considered to represent PCA.
Southwest	Transgradient	Agricultural and forested land beyond to beyond 250 m from the Phase One Property	Agricultural/ forested	Land use represents PCA #40. Given the inferred groundwater flow direction and the low mobility of the COCs (i.e., OC pesticides), it is Pinchin’s opinion that this PCA does not result in an APEC.

### 6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an “Enhanced Investigation Property” as a property that is being used or has been used, in whole or in part, in the following manner:

- For an industrial use or;
- For any of the following commercial uses:



- As a garage;
- As a bulk liquid dispensing facility, including a gasoline outlet; or
- For the operation of dry cleaning equipment.

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

#### **6.4 Written Description of Investigation**

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

##### *6.4.1 Phase One Property*

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

- Review of available historical records, including FIPs, chain of title search, previous environmental reports, ERIS regulatory search, information obtained through MECP FOI and TSSA requests, aerial photographs, well records and Site operating records.
- A Site reconnaissance completed on November 4, 2020 and January 6, 2021 by Mr. Jason Laplante of Pinchin that included an assessment of structures at the Phase One Property and the exterior of the Phase One Property.
- Interviews with individuals knowledgeable of the history and operations at the Phase One Property.
- Review of mapping provided by ERIS and information provided on-line by the MNR for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified two PCAs. The descriptions and locations of these PCAs are provided in Table 2. As per O. Reg. 153/04, all identified PCAs at the Phase One Property are considered APECs that will require investigation through the completion of a Phase Two ESA.

The following area of natural significance was identified at the Phase One Property:

- Provincially significant wetlands were identified within the northwest and southeast portions of the Phase One Property.



Pinchin's investigation identified three water wells currently used for human consumption and no water well used for agricultural use (i.e., irrigation) at the Phase One Property.

Plans identifying the locations of the on-Site PCAs and APECs for this Phase One ESA are provided as Figures 4. The identified areas of natural significance at the Phase One Property are shown on the Area of Natural & Scientific Interest map included in the ERIS report in Appendix G and on Figure 2. Water wells at the Phase One Property used for human consumption are also shown on Figure 2.

#### *6.4.2 Phase One Study Area Outside of Phase One Property*

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

- Review of available historical records, including previous environmental reports, ERIS regulatory search, and aerial photographs.
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies.
- Review of mapping provided by ERIS and information provided on-line by the MNR for the presence of areas of natural significance.

Two PCAs were identified within the Phase One Study Area outside of the Phase One Property. These off-Site PCAs are not considered to result in APECs at the Phase One Property given the inferred groundwater flow direction and/or the low mobility of the COCs (i.e., OC pesticides). The description and location of the PCA is provided in Table 2.

The following area of natural significance was identified within the Phase One Study Area outside the Phase One Property:

- Protected wetlands were identified within the north, northwest and southeast portions of the Phase One Study Area.

Pinchin's investigation identified that the majority of the surrounding residential dwellings were serviced with private water supply wells for domestic consumption within the Phase One Study Area.

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

Plans identifying the location of the off-Site PCA for this Phase One ESA is provided as Figure 4.



## **7.0 REVIEW AND EVALUATION OF INFORMATION**

### **7.1 Current and Past Uses**

Based on Pinchin's review of aerial photographs dating as early as 1954, the Phase One Property was developed with row crop agricultural fields and forested land. Inferred residential dwellings and an inferred barn. Based on Pinchin's review of the chain of title search, nothing was identified with respect to the previous or current ownership that is considered a PCA at the Phase One Property. No other historical records were available to Pinchin that provided information for determining the date of first developed use of the Phase One Property.

### **7.2 Potentially Contaminating Activities**

Table 2 summarizes the descriptions and locations of all PCAs as defined by O. Reg. 153/04 that were identified by Pinchin within the Phase One Study Area. The following presents a summary of these PCAs:

- A total of two PCAs were documented to have occurred at the Phase One Property.
- Two PCAs were documented to have occurred within the Phase One Study Area outside of the Phase One Property. These PCAs are not considered to result in APECs at the Phase One Property given the inferred groundwater flow direction and/or the low mobility of the COCs (i.e., OC pesticides).

### **7.3 Areas of Potential Environmental Concern**

Table 3 summarizes all APECs identified during the Phase One ESA, as well as their respective PCAs, COPCs and the media which could potentially be impacted. As noted in Table 3, the Phase One ESA identified a total of two APECs at the Phase One Property.

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



an APEC at the Phase One Property). Furthermore, non-adjacent properties with PCAs located downgradient or transgradient of the Phase One Property generally do not result in APECs at the Phase One Property. Groundwater is the media through which contaminants typically migrate from property to property, and if the source of the contaminant is downgradient or transgradient of the Phase One Property, contaminated groundwater from this source cannot migrate to the Phase One Property and the downgradient or transgradient PCA would not be considered to result in an APEC at the Phase One Property.

The COPCs listed in Table 3 are APEC-specific and were determined based on several sources of information, including but not limited to, Pinchin's experience with environmental contamination and hazardous substances, common industry standards for analysis of such contaminants and point sources, literature reviews of COPCs and associated hazardous substances, and an evaluation by Pinchin of the mobility and susceptibility for migration of the COPCs in the subsurface.

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

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

#### **7.4 Phase One Conceptual Site Model**

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through Figure 5 which illustrate the following features within the Phase One Study Area, where present:

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



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

- The Phase One Property is an irregular-shaped parcel of land approximately 152.8 acres (61.8 hectares) in size located at the southwest corner of the intersection of Sideroad 17 and 8<sup>th</sup> Line in the Town of Erin. The Phase One Property developed with two residential dwellings (Site Building A and C) that occupy the central-north and northeast portions of the Phase One Property. A barn (Site Building B) is located northeast of Site Building A. The Phase One Property has been used for residential and agricultural purposes since initial development in 1954. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an Enhanced Investigation Property.
- A water body located within the Phase One Study Area consisted of a small pond located in the northwestern portion of the Phase One Property. A tributary of the Credit River is located approximately 25 m northwest of the Phase One Property.
- Proacted wetlands were identified within the Phase One Study Area.
- A review of the municipal plan for Wellington County indicated that the Phase One Study Area is located within a vulnerable aquifer region. Pinchin's investigation identified three drinking water wells on-Site and also indicated that the majority of the surrounding residential dwellings were serviced with private water supply wells for domestic consumption within the Phase One Study Area.
- Sideroad 17 and 8<sup>th</sup> Line are located immediately northwest and northeast of the Phase One Property. The adjacent properties to the northeast consist of commercial (golf course) and residential land uses. The properties to the northwest consist of residential land use and the properties to the southeast and southwest consist of agricultural/forestland land use.
- A total of four PCAs were documented to have occurred within the Phase One Study Area, consisting of two PCAs at the Phase One Property and two PCAs within the Phase One Study Area, outside of the Phase One Property. As shown on Figure 4, the off-Site PCAs are associated with potential use of pesticides for agricultural purposes. Given the inferred groundwater flow direction and/or the low mobility of the COPCs (i.e., OC pesticides), these off-Site PCAs are not considered to result in APECs at the Phase One Property. Figure 5 provides a detailed summary of the APECs.
- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within glaciofluvial deposits of proglacial outwash as the dominant landform with the primary native material consisting of sand and gravel. The southwest



and south-central portions of the Phase One Property consist of glacial deposits of diamicton as the dominant landform with the primary native material consisting of sandy silt till. The southeast portion of the Phase One Property consists of glaciofluvial deposits as the dominant landform with the primary native material consisting sand, gravel and some till. Bedrock is expected to consist of sandstone, shale, dolostone and siltstone of the Armabel Formation.

- The Phase One Property is relatively flat with little relief. The area surrounding the Phase One Property slopes gradually to the southeastern. Local groundwater flow is inferred to be to the southeast, based on the topography of the area surrounding the Phase One Property.

## **8.0 CONCLUSIONS**

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

Based on the findings of this Phase One ESA, Pinchin identified two PCAs at the Phase One Property (i.e., on-Site) and two PCAs within the Phase One Study Area outside of the Phase One Property (i.e., off-Site). The off-Site PCAs are not considered to result in APECs at the Phase One Property given the groundwater flow direction as well as the low mobility of the COC (i.e., OC pesticides).

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

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

## **8.1 Signatures**

This Phase One ESA was undertaken under the supervision of Francesco Gagliardi, C.E.T., LET, QP<sub>ESA</sub> in accordance with the requirements of O. Reg. 153/04 to support the filing of an RSC for the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of



the assessor based on the Site conditions observed on November 4, 2020 and January 6, 2021, and a review of available historical information and information obtained from interviews.

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

## **8.2 Terms and Limitations**

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 5520 & 5552 8<sup>th</sup> Line in Town of Erin, Ontario (the Site), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of Mattamy Homes c/o Shad & Associates Inc. (the Client) subject to the terms, conditions and limitations contained within the duly authorized proposal [for this project. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted.

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

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.

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



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

## 9.0 REFERENCES

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

- ERIS report entitled “5520 & 5552 8<sup>th</sup> Line, Town of Erin, Ontario”, dated May 11, 2021 (ERIS Project # 21050600094).
- Opta Information *Intelligence* “5520 & 5552 8<sup>th</sup> Line, Town of Erin, Ontario”, and dated May 12, 2021 (Opta Order ID: 90286).
- Technical Standards & Safety Authority.
- Ontario Ministry of the Environment, Conservation and Parks.
- “Phase I Environmental Site Assessment, 5520 8th Line, Erin, Ontario”, for Mattamy Homes c/o Shad & Associates Inc. and dated November 10, 2020.
- “Phase I Environmental Site Assessment, 5520 8th Line, Erin, Ontario”, for Mattamy Homes c/o Shad & Associates Inc. and dated January 12, 2021.
- Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 274/20 on July 1, 2020.

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Template: Master Report for RSC Phase One ESA Report, EDR, October 16, 2020

## **10.0 APPENDICES**

**APPENDIX A**  
**Tables**



**Table 1 - Table of Current and Past Uses of the Phase One Property**

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
PIN 711500-0412 (LT)				
Pre-1844	Crown	Unknown	Agricultural or other use	None.
1844-1847	Samuel McCurdy	Unknown	Agricultural or other use	None.
1847-1847	Abraham Teeter	Unknown	Agricultural or other use	None.
1847-1864	Malcolm McKichnie	Unknown	Agricultural or other use	None.
1864-1887	William Cornock	Unknown	Agricultural or other use	None.
1887-1903	John Cornock	Unknown	Agricultural or other use	None.
1903-1920	Andrew Baird	Unknown	Agricultural or other use	None.
1920-1922	Robert Leader	Unknown.	Agricultural or other use	None.
1922-1924	Angus Forher	Unknown	Agricultural or other use	None.
1924-1942	John Homer	Unknown	Agricultural or other use	None.
1942-1944	Cecil Presley	Unknown	Agricultural or other use	None.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
1944-1960	Jean Cohen & Adeline Smith	Agricultural	Agricultural or other use	The 1954 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land and a barn structure.
1960-1971	Howard Boyles and Isabel Boyles	Agricultural and residential	Residential use Agricultural or other use	The 1969 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1971-1973	Thomas Jamieson	Agricultural and residential	Residential use Agricultural or other use	None.
1973-1973	Colossus Development Corporation Ltd.	Agricultural and residential	Residential use Agricultural or other use	None.
1973-1977	Melanie Geisenhofer	Agricultural and residential	Residential use Agricultural or other use	The 1976 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1977-2005	Barbara Crifo, Joseph Crifo and Mirella Racovaz	Agricultural and residential	Residential use Agricultural or other use	The 1980 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
2005-2018	19309053 Ontario Ltd.	Agricultural and residential	Residential use Agricultural or other use	The 2004 and 2015 aerial photographs indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.
2018-2020	1096288 Ontario Ltd.	Agricultural and residential	Residential use Agricultural or other use	The 2018 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.
2020-Present	2779176 Ontario Inc.	Agricultural and residential	Residential use Agricultural or other use	Based on observations during the Site reconnaissance, indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
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PIN 71150-0421 (LT) as it pertains to Part Lot 16 as in RO732357

Pre-1844	Crown	Unknown	Agricultural or other use	None.
1844-1847	Samuel McCurdy	Unknown	Agricultural or other use	None.
1847-1847	Abraham Teeter	Unknown	Agricultural or other use	None.
1847-1864	Malcolm McKichnie	Unknown	Agricultural or other use	None.
1864-1887	William Cornock	Unknown	Agricultural or other use	None.
1887-1903	John Cornock	Unknown	Agricultural or other use	None.
1903-1920	Andrew Baird	Unknown	Agricultural or other use	None.
1920-1922	Robert Leader	Unknown.	Agricultural or other use	None.
1922-1924	Angus Forher	Unknown	Agricultural or other use	None.
1924-1942	John Homer	Unknown	Agricultural or other use	None.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
1942-1944	Cecil Presley	Unknown	Agricultural or other use	None.
1944-1960	Jean Cohen & Adeline Smith	Agricultural	Agricultural or other use	The 1954 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land and a barn structure.
1960-1973	Howard Boyles and Isabel Boyles	Agricultural and residential	Residential use Agricultural or other use	The 1969 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1973-1978	Raymond and Robert Warren	Agricultural and residential	Residential use Agricultural or other use	The 1976 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1978-1995	Merilyn Wright	Agricultural and residential	Residential use Agricultural or other use	The 1980 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1995-1995	William and Michelle Wright	Agricultural and residential	Residential use Agricultural or other use	None.
1995-2020	1096288 Ontario Ltd.	Agricultural and residential	Residential use Agricultural or other use	The 2004, 2015 and 2018 aerial photographs indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.
2020-Present	2779176 Ontario Inc.	Agricultural and residential	Residential use Agricultural or other use	Based on observations during the Site reconnaissance, indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
<b>PIN 71150-0403 (LT)</b>				
Pre-1835	Crown	Unknown	Agricultural or other use	None.
1835-1839	Jacob Merrill	Unknown	Agricultural or other use	None.
1839-1846	Jacob Terreberry	Unknown	Agricultural or other use	None.
1846-1864	Samuel McDermid	Unknown	Agricultural or other use	None.
1864-1898	Neil McDonald	Unknown	Agricultural or other use	None.
1898-1906	Archibald McDonald	Unknown	Agricultural or other use	None.
1906-1911	Thomas Bingham	Unknown	Agricultural or other use	None.
1911-1924	Robert McCutcheon	Unknown.	Agricultural or other use	None.
1924-1926	James H. King	Unknown	Agricultural or other use	None.
1926-1944	Herbert Copeland	Unknown	Agricultural or other use	None.
1944-1955	William and Janet Copeland	Unknown	Agricultural or other use	None.
1955-1965	Rosemary Staples	Agricultural	Agricultural or other use	The 1954 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land and a barn structure.
1965-1966	Charles and Mildred Smith	Agricultural	Agricultural or other use	None.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
1966-1969	The Director, The Veterans' Land Act	Agricultural	Agricultural or other use	None.
1969-1969	Mildred F. Smith	Agricultural and residential	Residential use Agricultural or other use	The 1969 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1969-1980	Marian and Bernard Knobler	Agricultural and residential	Residential use Agricultural or other use	The 1969 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1980-2020	Gary Langen	Agricultural and residential	Residential use Agricultural or other use	The 1980 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
2020-Present	2779181 Ontario Inc.	Agricultural and residential	Residential use Agricultural or other use	Based on observations during the Site reconnaissance, indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.

**PIN 71105-0403 (LT) as it pertains to Part 3 on 61R20446**

Pre-1835	Crown	Unknown	Agricultural or other use	None.
1835-1839	Jacob Merrill	Unknown	Agricultural or other use	None.
1839-1846	Jacob Terreberry	Unknown	Agricultural or other use	None.
1846-1864	Samuel McDermid	Unknown	Agricultural or other use	None.
1864-1898	Neil McDonald	Unknown	Agricultural or other use	None.
1898-1906	Archibald McDonald	Unknown	Agricultural or other use	None.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
1906-1911	Thomas Bingham	Unknown	Agricultural or other use	None.
1911-1924	Robert McCutcheon	Unknown.	Agricultural or other use	None.
1924-1926	James H. King	Unknown	Agricultural or other use	None.
1926-1944	Herbert Copeland	Unknown	Agricultural or other use	None.
1944-1955	William and Janet Copeland	Agricultural	Agricultural or other use	The 1954 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land and a barn structure.
1955-1965	Rosemary Staples	Agricultural	Agricultural or other use	The 1954 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land and a barn structure.
1965-1966	Charles and Mildred Smith	Agricultural	Agricultural or other use	None.
1966-1971	The Director, The Veterans' Land Act	Agricultural and residential	Residential use Agricultural or other use	The 1969 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1971-1971	Charles Smith	Agricultural	Agricultural or other use	None.
1971-1977	Terrence Kennedy	Agricultural and residential	Residential use Agricultural or other use	The 1976 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.
1977-1979	Virginia Kennedy	Agricultural	Agricultural or other use	None.
1979-1985	La Verne Lipsett	Agricultural and residential	Residential use Agricultural or other use	The 1980 aerial photograph indicated that the Phase One Property consisted agricultural land, forested land. A barn structure and a residential dwelling were also observed.



Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc
1985-1989	Jean Mary Kerr	Agricultural	Agricultural or other use	None.
1989-1991	Andrew and Marjit McNaughton	Agricultural	Agricultural or other use	None.
1991-1999	William Wallace Dinwoody and Martha Geertrudia Dinwoody	Agricultural	Agricultural or other use	None.
1999-2012	John Paul McLaughlin	Agricultural and residential	Residential use Agricultural or other use	The 2004 aerial photographs indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.
2012-2014	1530953 Ontario Ltd.	Agricultural	Agricultural or other use	None.
2014-2020	Gary Langen	Agricultural and residential	Residential use Agricultural or other use	The 2015 and 2018 aerial photographs indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.
2020-Present	2779181 Ontario Inc.	Agricultural and residential	Residential use Agricultural or other use	Based on observations during the Site reconnaissance, indicated that the Phase One Property consisted agricultural land, forested land. Barn structures and a residential dwelling were also observed.

*Notes:*

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

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

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

**Table 2 - Table of Potentially Contaminating Activities**

PCA Designation	Location of Potentially Contaminating Activity	Potentially Contaminating Activity	Location of PCA (On-Site or Off-Site)	Distance from Phase One Property (metres)	Location Relative to Inferred Groundwater Flow Direction <sup>1</sup>	Contributing to an APEC at the Site (Yes/No)	Media Potentially Impacted (Ground Water, Soil and/or Sediment)
PCA-1	Site Building A within the west portion of the Phase One Property.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-2	Northwest and southwest portions of Phase One Property.	Item 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	NA – On-Site PCA	NA - On-Site PCA	Yes	Soil
PCA-3	Agricultural land located southwest of the Phase One Property (9447 Side Road 17)	Item 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site	Adjacent to the southwest portion of the Phase One Property.	Downgradient	No	Soil
PCA-4	Agricultural land located southwest of the Phase One Property (5552 8 <sup>th</sup> Line)	Item 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	Off-Site	Adjacent to the northeast portion of the Phase One Property.	Upgradient	No	Soil

**Notes:**

APEC – Area of Potential Environmental Concern

PCA – Potentially Contaminating Activity

1 – Location of PCA relative to the Phase One Property in relation to the inferred groundwater flow direction in the Phase One Study Area

**Table 3 - Table of Areas of Potential Environmental Concern**

Area of Potential Environmental Concern <sup>1</sup>	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity <sup>2</sup>	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern <sup>3</sup>	Media Potentially Impacted (Ground Water, Soil and/or Sediment)
APEC-1 (Historical fuel oil AST located in the basement of Site Building A)	Site Building A within the northeast portion of the Phase One Property.	Item 28 - Gasoline and Associated Products Storage in Fixed Tanks	On-Site	PHCs BTEX PHAs	Soil
APEC-2 (Agricultural land one Phase One Property)	Agricultural land located on the northwest and southwest portions of the Phase One Property)	Item 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OCs	Soil

**Notes:**

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

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

3 - When completing this column, identify all contaminants of potential concern using the Method Groups as identified in the Protocol for in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, March 9, 2004, amended as of July 1, 2011, as specified below:

**List of Method Groups:**

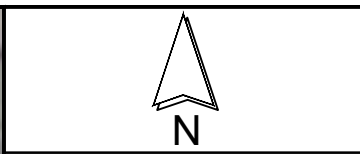
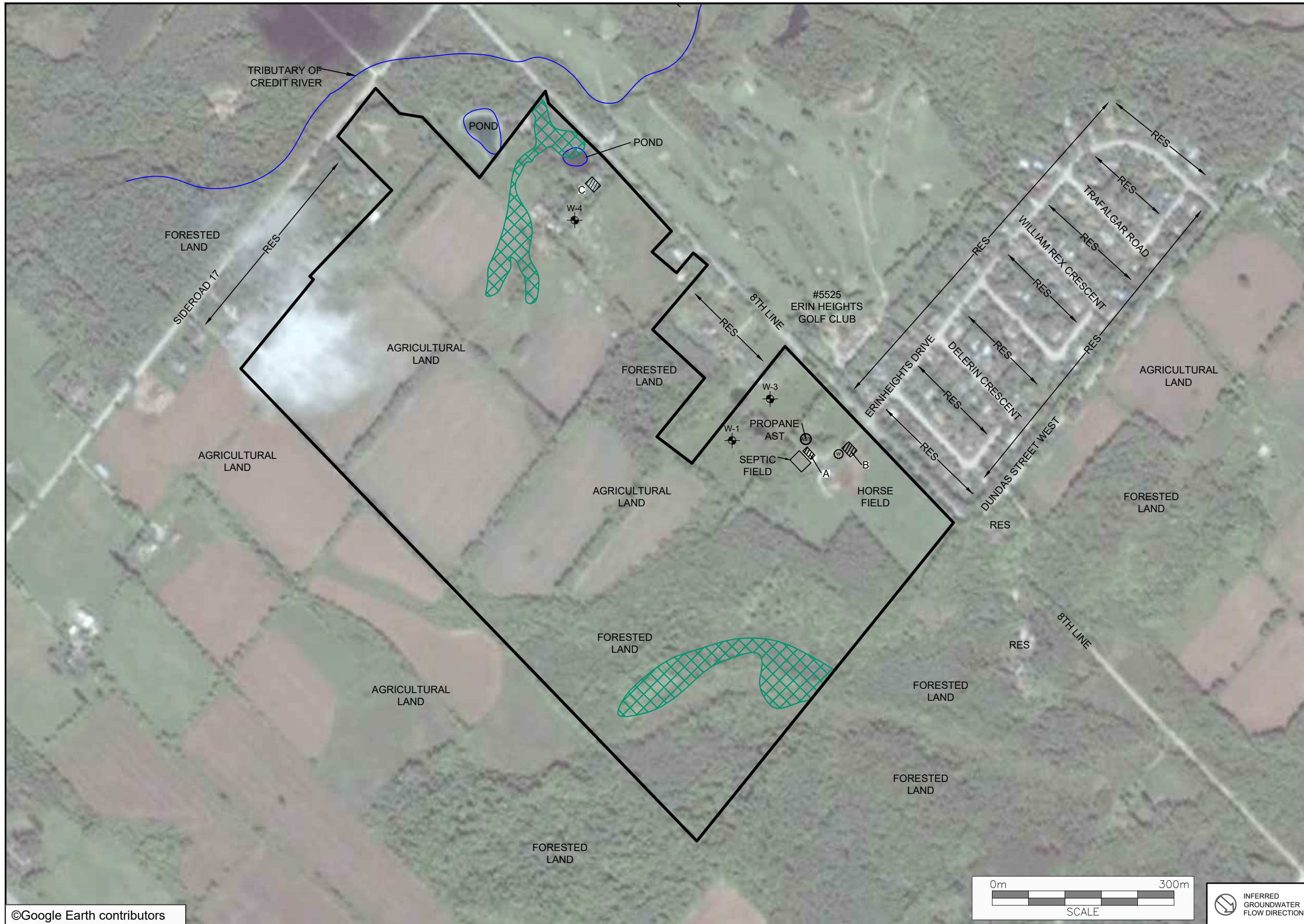
ABNs	PCBs	Metals	Electrical Conductivity
CPs	PAHs	As, Sb, Se	Cr (VI)
1,4-Dioxane	THMs	Na	Hg
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury
OCs	BTEX	Cl-	Low or high pH,
PHCs	Ca, Mg	CN-	SAR

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

**APPENDIX B**  
**Figures**



PROJECT NAME			
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT			
CLIENT NAME			
MATTAMY HOMES			
PROJECT LOCATION			
5520 & 5552 8TH LINE, ERIN, ONTARIO			
FIGURE NAME			FIGURE NO.
KEY MAP			1
SCALE	PROJECT NO.	DATE	
AS SHOWN	283584.001	MAY 2021	



- LEGEND**
- PHASE ONE PROPERTY BOUNDARY
  - SITE BUILDING
  - RES RESIDENTIAL
  - ABOVEGROUND STORAGE TANK
  - A SITE BUILDING ID
  - WATER SUPPLY WELL
  - WATER SUPPLY WELLS (ERIS)
  - WETLAND AREA

LEGEND IS COLOUR DEPENDENT.  
NON-COLOUR COPIES MAY ALTER  
INTERPRETATION.



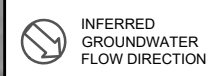
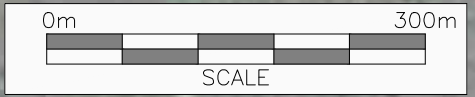
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**PHASE ONE ENVIRONMENTAL  
SITE ASSESSMENT**

CLIENT NAME:  
**MATTAMY HOMES**

PROJECT LOCATION:  
**5520 & 5552 8TH LINE,  
ERIN, ONTARIO**

FIGURE NAME:  
**PHASE ONE PROPERTY**

PROJECT NUMBER: <b>283584.001</b>	SCALE: <b>AS SHOWN</b>
DRAWN BY: <b>KP</b>	REVIEWED BY: <b>MC</b>
DATE: <b>MAY 2021</b>	FIGURE NUMBER: <b>2</b>





**LEGEND**

- PHASE ONE PROPERTY BOUNDARY
- PHASE ONE STUDY AREA BOUNDARY
- SITE BUILDING
- RES RESIDENTIAL
- ABOVEGROUND STORAGE TANK
- A SITE BUILDING ID
- INDUSTRIAL/COMMERCIAL/COMMUNITY LAND USE
- RESIDENTIAL/PARKLAND/INSTITUTIONAL LAND USE
- AGRICULTURAL
- APEC AREA OF POTENTIAL ENVIRONMENTAL CONCERN
- PCA CONTRIBUTES TO AN APEC
- PCA DOES NOT CONTRIBUTE TO AN APEC
- PCA POTENTIALLY CONTAMINATING ACTIVITY

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PROJECT NAME:  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**

CLIENT NAME:  
**MATTAMY HOMES**

PROJECT LOCATION:  
**5520 & 5552 8TH LINE,  
ERIN, ONTARIO**

FIGURE NAME:  
**POTENTIALLY CONTAMINATING  
ACTIVITIES**

PROJECT NUMBER:  
**283584.001**

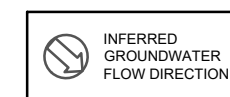
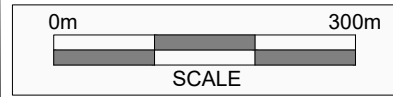
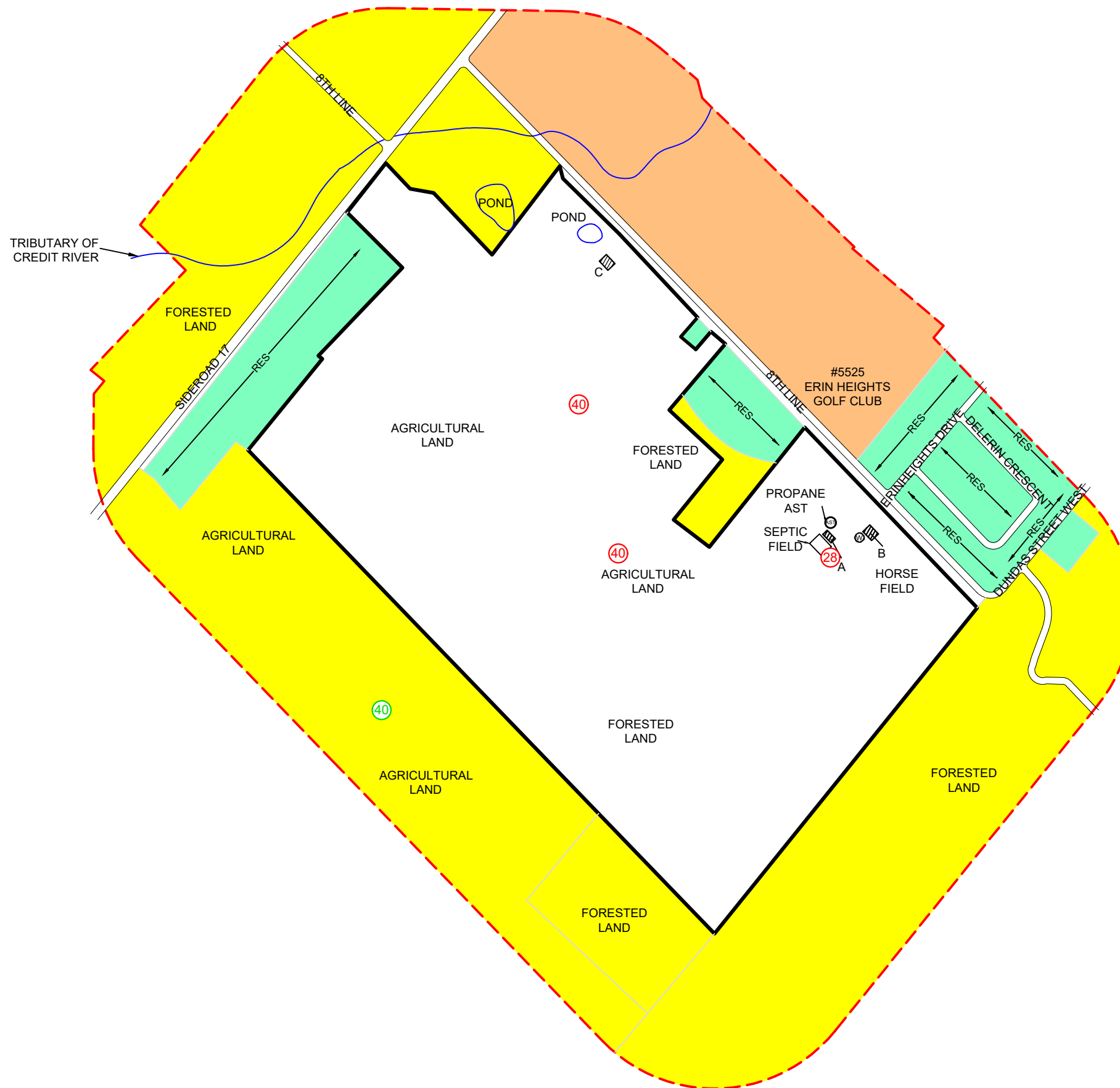
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**AS SHOWN**

DRAWN BY:  
**KP**

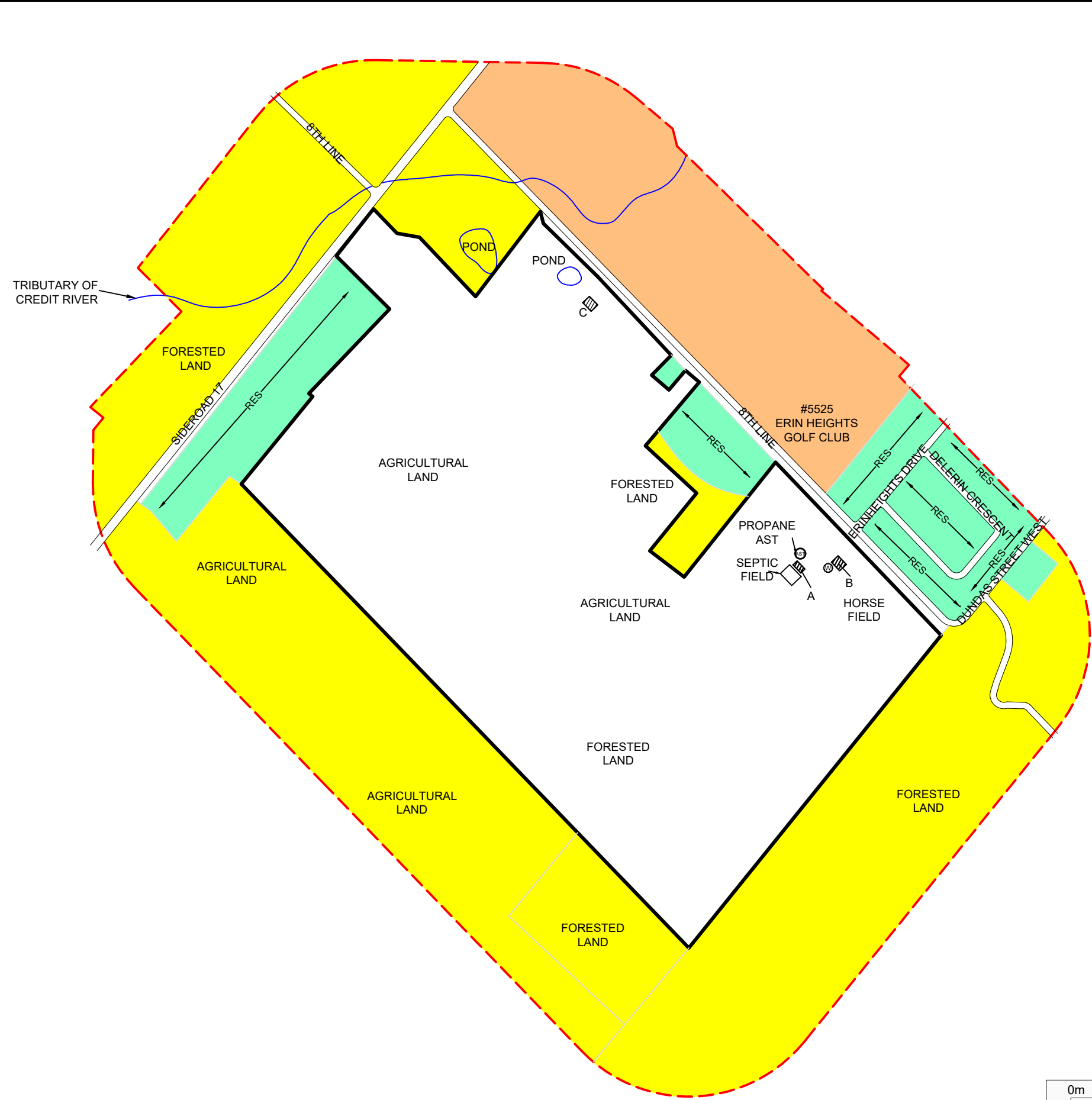
REVIEWED BY:  
**MC**

DATE:  
**MAY 2021**

FIGURE NUMBER:  
**4**



INFERRED  
GROUNDWATER  
FLOW DIRECTION



**LEGEND**

- PHASE ONE PROPERTY BOUNDARY
- PHASE ONE STUDY AREA BOUNDARY
- SITE BUILDING
- RES RESIDENTIAL
- AST ABOVEGROUND STORAGE TANK
- A SITE BUILDING ID
- W WATER SUPPLY WELL
- INDUSTRIAL/COMMERCIAL/COMMUNITY LAND USE
- RESIDENTIAL/PARKLAND/INSTITUTIONAL LAND USE
- AGRICULTURAL

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**

CLIENT NAME:  
**MATTAMY HOMES**

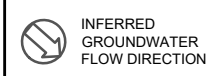
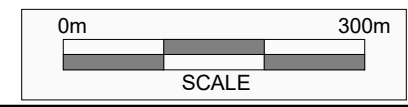
PROJECT LOCATION:  
**5520 & 5552 8TH LINE, ERIN, ONTARIO**

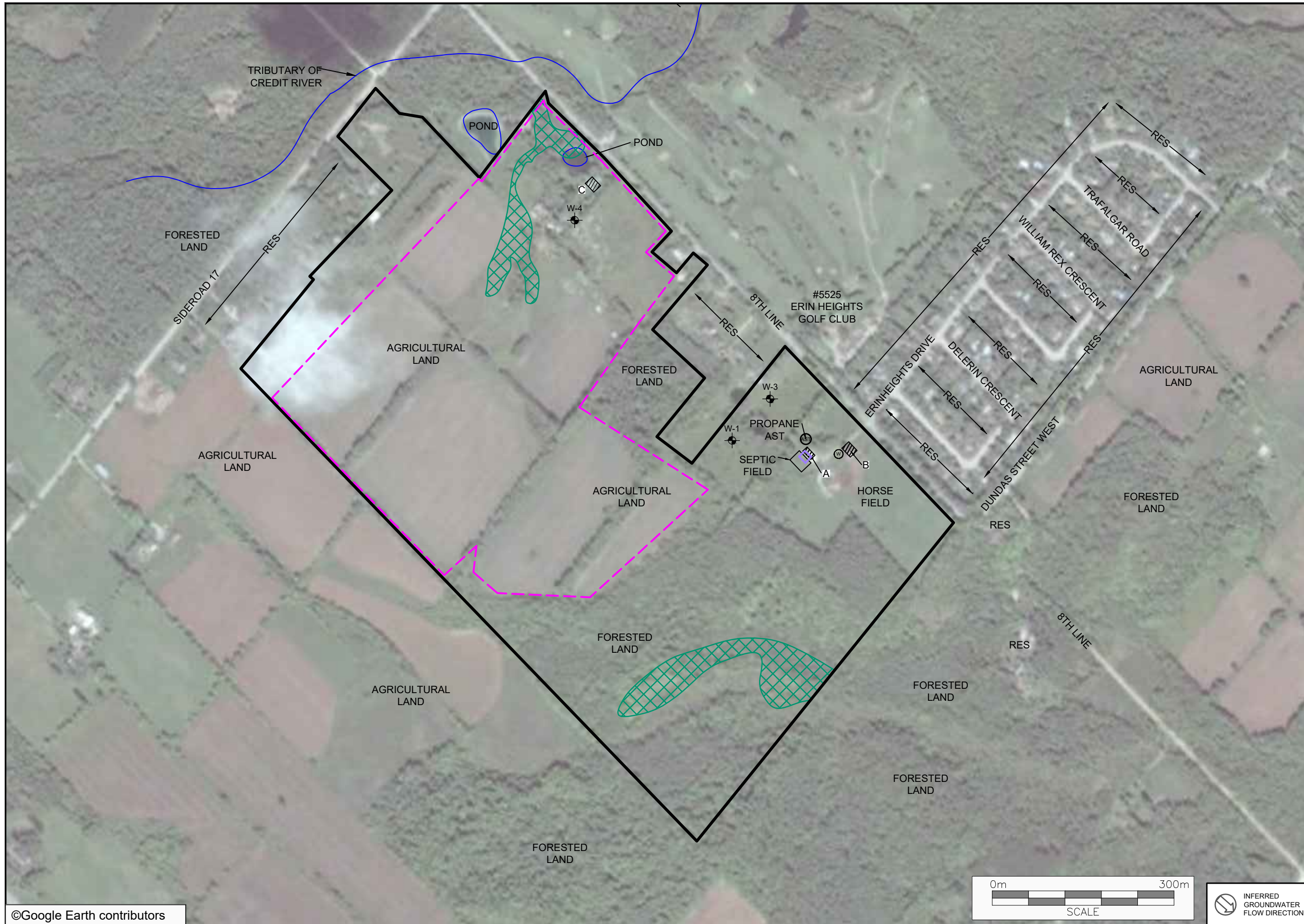
FIGURE NAME:  
**PHASE ONE STUDY AREA**

PROJECT NUMBER: <b>283584.001</b>	SCALE: <b>AS SHOWN</b>
--------------------------------------	---------------------------

DRAWN BY: <b>KP</b>	REVIEWED BY: <b>MC</b>
------------------------	---------------------------

DATE: <b>MAY 2021</b>	FIGURE NUMBER: <b>3</b>
--------------------------	----------------------------





- LEGEND**
- PHASE ONE PROPERTY BOUNDARY
  - ▨ SITE BUILDING
  - RES RESIDENTIAL
  - ⊙(AST) ABOVEGROUND STORAGE TANK
  - A SITE BUILDING ID
  - ⊙(W) WATER SUPPLY WELL
  - ⊙(W) WATER SUPPLY WELLS (ERIS)
  - APEC AREA OF POTENTIAL ENVIRONMENTAL CONCERN
  - APEC-1
  - APEC-2
  - ▨ WETLAND AREA

LEGEND IS COLOUR DEPENDENT.  
NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:  
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT**

CLIENT NAME:  
**MATTAMY HOMES**

PROJECT LOCATION:  
**5520 & 5552 8TH LINE, ERIN, ONTARIO**

FIGURE NAME:  
**AREAS OF POTENTIAL ENVIRONMENTAL CONCERN**

PROJECT NUMBER:  
**283584.001**

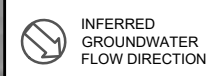
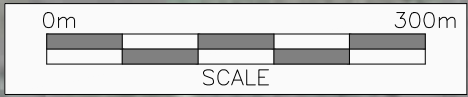
SCALE:  
**AS SHOWN**

DRAWN BY:  
**KP**

REVIEWED BY:  
**MC**

DATE:  
**MAY 2021**

FIGURE NUMBER:  
**5**



**APPENDIX C**  
**Photographs**



Photo 1 – Northeast elevation of Site Building A, looking southwest.

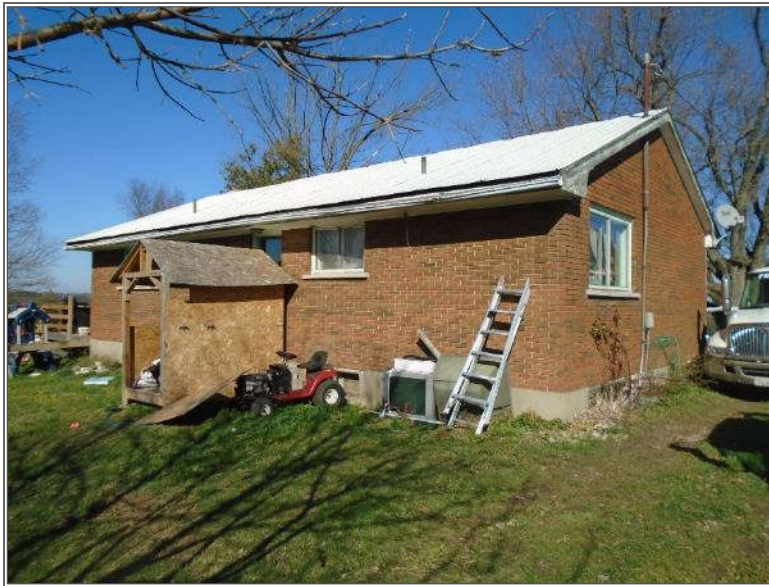


Photo 2 – Southwest elevation of Site Building A, looking northeast.



Photo 3 – Northeast elevation of Site Building B, looking southeast.



Photo 4 – Southwest elevation of Site Building B, looking northeast.



Photo 5 – Northeast elevation of Site Building C, looking southwest



Photo 6 – Southwest elevation of Site Building C, looking northeast.



Photo 7 – Agricultural field located on the north portion of the Phase One Property.



Photo 8 – Forested land located on the southwest portion of the Phase One Property.



Photo 11 – 8<sup>th</sup> Line followed by residential dwellings located northeast of the Phase One Property.



Photo 12 – Agricultural and forested land located southeast of the Phase One Property.



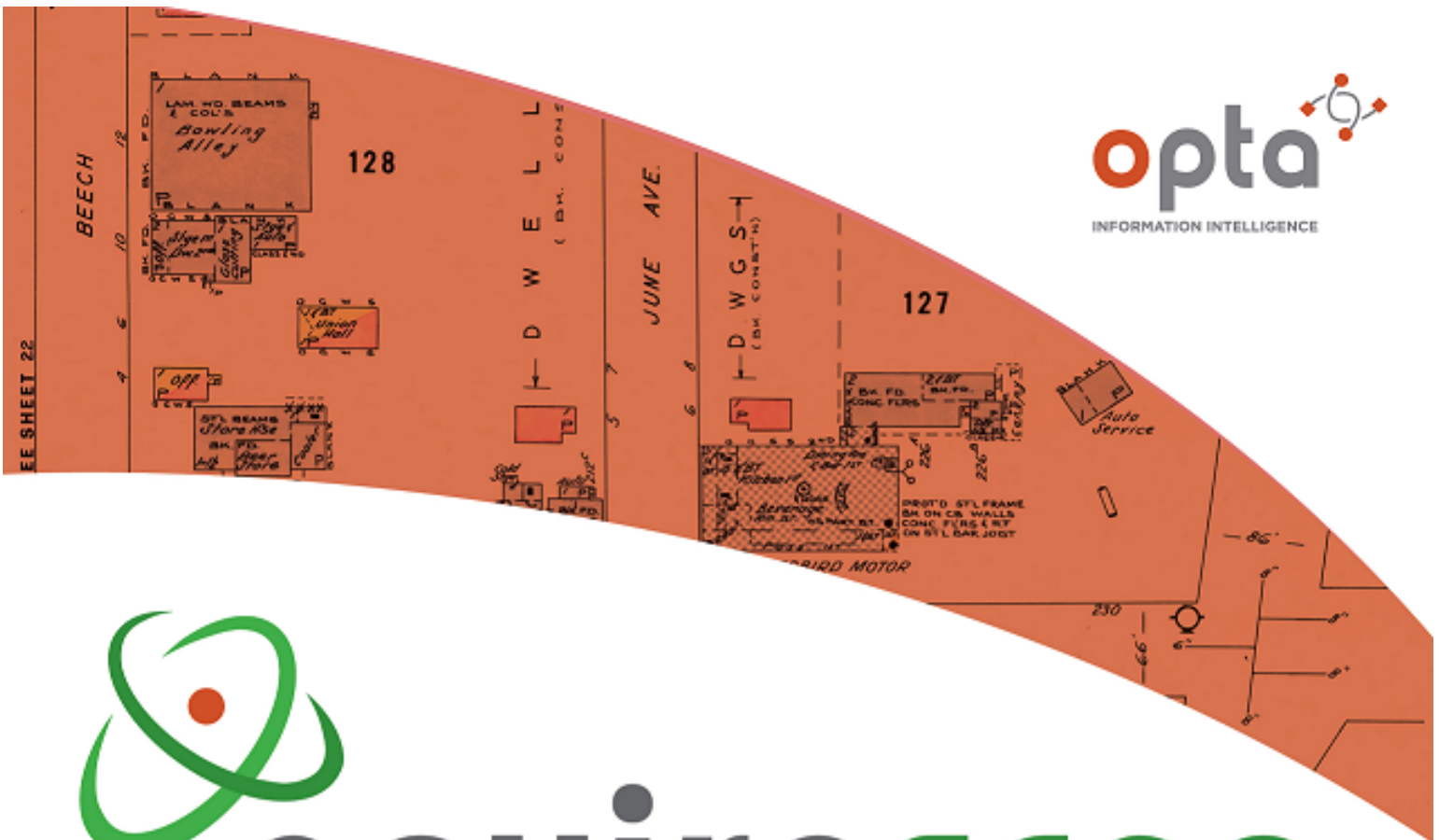
Photo 11 – Agricultural and forested land located southwest of the Phase One Property.



Photo 12 – 17 Sideroad followed by agricultural land located northwest of the Phase One Property.

**APPENDIX D**  
**Survey Plan**

**APPENDIX E**  
**Opta Records**



# enviroscan



An SCM Company

175 Commerce Valley Drive W  
Markham, Ontario L3T 7Z3

T: 905-882-6300  
W: [www.optaintel.ca](http://www.optaintel.ca)

Report Completed By:

Sunita

Site Address:

5520 8 LineErin Ont

Project No:

20302800012

Opta Order ID:

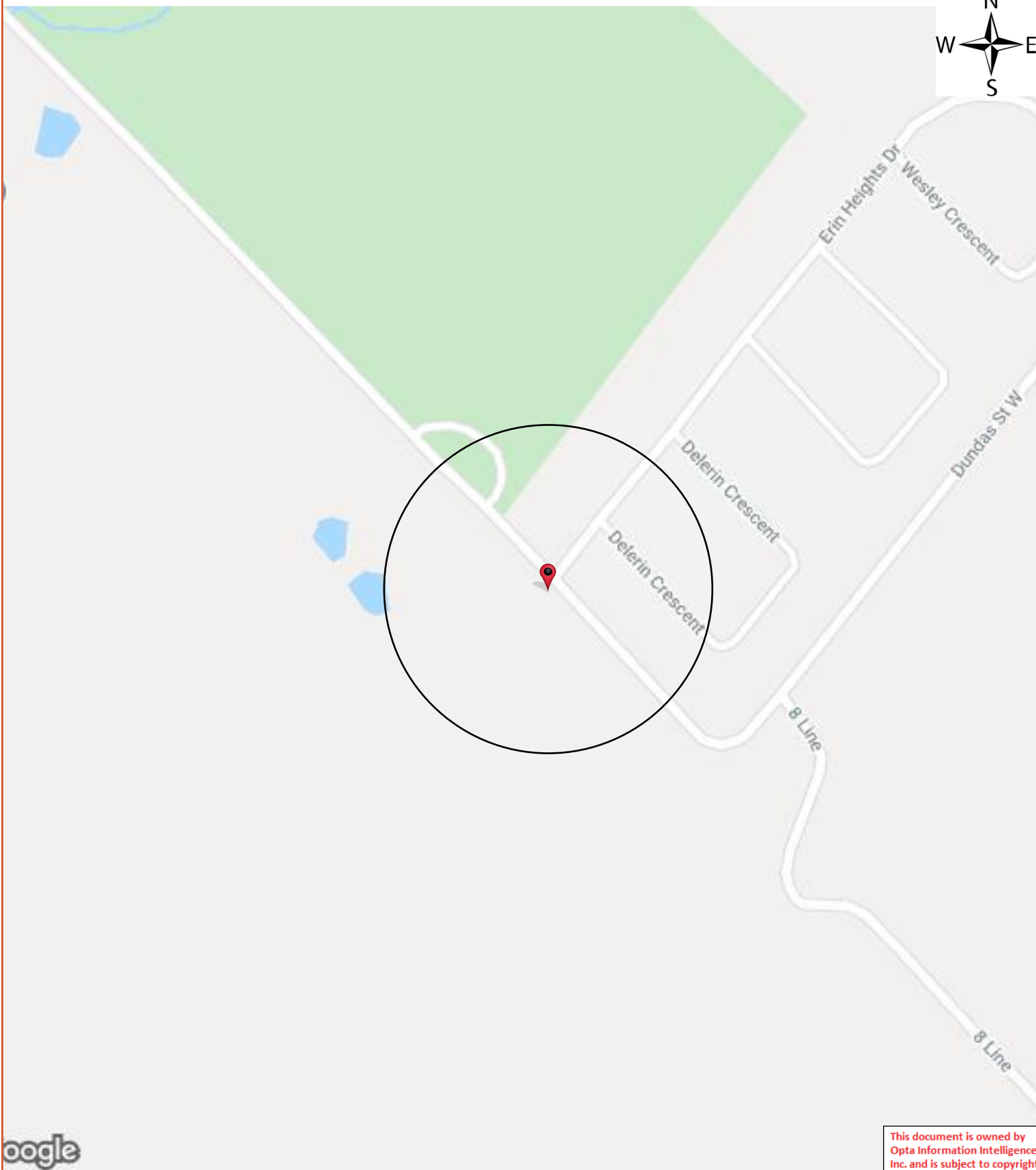
79757

Requested by:

Eleanor Goolab  
ERIS

Date Completed:

11/2/2020 12:52:39 PM



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## Opta Historical Environmental Services Enviroscan<sup>TM</sup> Terms and Conditions

### Report

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

### Disclaimer

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

### Entire Agreement

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

### Governing Document

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

### Law

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

**Page: 4**  
Project Name: 283570

Project #: 20302800012  
P.O. #: 283570

## ENVIROSCAN Report

**No Records Found**

**Requested by:**  
Eleanor Goolab

Date Completed: 11/02/2020 12:52:39



OPTA INFORMATION INTELLIGENCE

**No Records Found**

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**APPENDIX F**  
**Chain of Title Search Results**

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5520 8th Line, Erin  
 Legal Description: Pt Lot 16 Con 8 Erin as in RO732357  
Except Pt 1 61R21410; Pt Lot 16 Con 8  
Erin Pt 1 61R21372  
 PIN #: 71150-0421 (LT)

Searched at: Guelph  
 LRO #: 61

Page 1

**\*\*Pertains to Pt 1 61R-21372\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	16 11 1844	Crown	<b>Samuel McCURDY</b>
695	Deed	01 07 1847	Samuel McCurdy	Abraham TEETER
711	Deed	05 07 1847	Abraham Teeter	Malcolm MCKICHNIE
21582	Deed	20 04 1864	Malcolm McKichnie	William CORNOCK
6199	Deed	12 12 1887	William Cornock	John CORNOCK
9499	Deed	02 09 1903	John Cornock	Andrew BAIRD
13095	Deed	06 04 1920	Andrew Baird	Robert LEADER
13506	Deed	07 03 1922	Robert Leader	Angus FORBES
13838	Deed	17 01 1924	Angus Forbes	John HOMER

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5520 8th Line, Erin  
 Legal Description: Pt Lot 16 Con 8 Erin as in RO732357  
Except Pt 1 61R21410; Pt Lot 16 Con 8  
Erin Pt 1 61R21372  
 PIN #: 71150-0421 (LT)

Searched at: Guelph  
 LRO #: 61

Page 2

**\*\*Pertains to Pt 1 61R-21372\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
16647	Deed	12 12 1942	John Homer	Cecil PRESLEY
16934	Deed	16 11 1944	Cecil Presley	Jean COHEN Adeline SMITH
16482	Deed	30 09 1960	Jean Cohen & Adeline Smith	Howard BOYLES & Isabel BOYLES
104968	Deed	03 06 1971	Howard Boyles & Isabel Boyles	Thomas JAMIESON
124474	Deed	25 01 1973	Thomas Jamieson	Colossus Development Corporation Ltd.
132546	Deed	09 08 1973	Colossus Development Corporation Ltd.	Melanie GEISENHOFER
182205	Deed	01 02 1977	Melanie Geisenhofer	Barbara CRIFO, Joseph CRIFO & Mirella RACOVAZ
WC88001	Deed	11 01 2005	Barbara Crifo, Joseph Crifo & Mirella Racovaz	1530953 Ontario Ltd.
WC48901	Deed	19 09 2018	1530953 Ontario Ltd.	1096288 Ontario Ltd.
WC615691	Deed (Present Owner)	10 11 2020	1096288 Ontario Ltd.	<b>2779176 Ontario Inc.</b>

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5520 8th Line, Erin  
 Legal Description: Pt Lot 16 Con 8 Erin as in RO732357  
Except Pt 1 61R21410; Pt Lot 16 Con 8  
Erin Pt 1 61R21372  
 PIN #: 71150-0421 (LT)

Searched at: Guelph  
 LRO #: 61 Page 1

**\*\*Pertains to Pt Lot 16 as in RO732357\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent	16 11 1844	Crown	<b>Samuel McCURDY</b>
695	Deed	01 07 1847	Samuel McCurdy	Abraham TEETER
711	Deed	05 07 1847	Abraham Teeter	Malcolm McKICHNIE
21582	Deed	20 04 1864	Malcolm McKichnie	William CORNOCK
6199	Deed	12 12 1887	William Cornock	John CORNOCK
9499	Deed	02 09 1903	John Cornock	Andrew BAIRD
13095	Deed	06 04 1920	Andrew Baird	Robert LEADER
13506	Deed	07 03 1922	Robert Leader	Angus FORHER
13838	Deed	17 01 1924	Angus Forher	John HOMER

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5520 8th Line, Erin  
 Legal Description: Pt Lot 16 Con 8 Erin as in RO732357  
Except Pt 1 61R21410; Pt Lot 16 Con 8  
Erin Pt 1 61R21372  
 PIN #: 71150-0421 (LT)

Searched at: Guelph  
 LRO #: 61

**\*\* Pertains to Pt Lot 16 as in RO732357\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
16647	Deed	12 12 1942	John Homer	Cecil PRESLEY
16934	Deed	16 11 1944	Cecil Presley	Jean COHEN Adeline SMITH
16482	Deed	30 09 1960	Jean Cohen & Adeline Smith	Howard BOYLES & Isabel BOYLES
126622	Deed	02 04 1973	Howard Boyles & Isabel Boyles	Raymond DODGE & Robert WARREN
200762	Deed (75 Acres)	19 04 1978	Raymond Dodge & Robert Warren	William WRIGHT & Marilyn WRIGHT
732355	Deed	31 05 1995	Marilyn Wright	Michelle WRIGHT
RO732357	Deed	31 05 1995	William Wright & Michelle Wright	1096288 Ontario Ltd.
WC615691	Deed (Present Owner)	10 11 2020	1096288 Ontario Ltd.	2779176 Ontario Inc.

PROPERTY DESCRIPTION: FIRSTLY: PART LOT 16, CONCESSION 8 ERIN AS IN RO732357, SAVE & EXCEPT PART 1, PLAN 61R21410; SECONDLY: PART LOT 16, CONCESSION 8 ERIN, PART 1, PLAN 61R21372; TOWN OF ERIN

PROPERTY REMARKS: PLANNING ACT CONSENT IN DOCUMENT WC548901.

ESTATE/QUALIFIER:  
FEE SIMPLE  
LT CONVERSION QUALIFIED

RECENTLY:  
CONSOLIDATION FROM 71150-0418, 71150-0419

PIN CREATION DATE:  
2018/12/24

OWNERS' NAMES  
2779176 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2018/12/24 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 2000/03/27 **						
MS66462	1967/07/26	BYLAW				C
RO732357	1995/05/31	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	1096288 ONTARIO LTD.	
WC61024	2004/05/03	APL (GENERAL)		*** DELETED AGAINST THIS PROPERTY *** HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL REVENUE	NICHOLSON, JANET  MASON, NORMAN	
REMARKS: POSTPONES WRIT 02-00248 IN FAVOUR OF MORTGAGE WC49058. WC49058 DELETED BY WC466629. DELETED JAN 27/20 J. DEANS.						
WC469318	2016/05/20	CHARGE		*** DELETED AGAINST THIS PROPERTY *** 1096288 ONTARIO LTD.	MACKENZIE, JEAN MACKENZIE, ROBERT	
61R21372	2018/07/05	PLAN REFERENCE				C
WC548901	2018/09/19	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***		

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

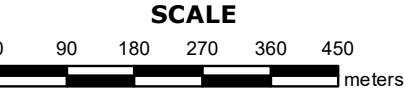
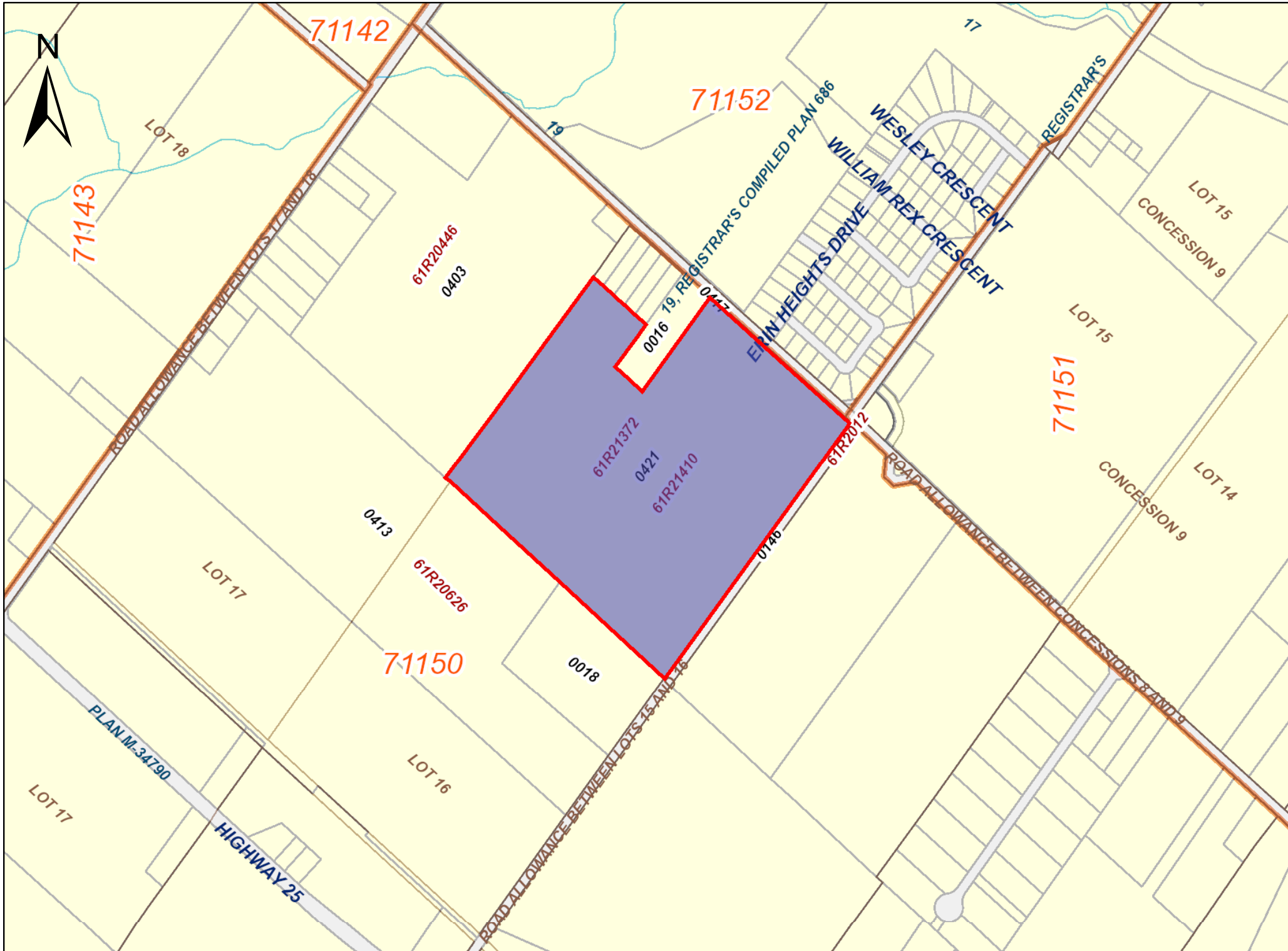
LAND  
REGISTRY  
OFFICE #61

71150-0421 (LT)

PREPARED FOR bertucci  
ON 2021/06/06 AT 10:16:57

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
WC554082	2018/11/13	APL CONSOLIDATE		1530953 ONTARIO LTD. 1096288 ONTARIO LTD.	1096288 ONTARIO LTD.	C
WC615691	2020/11/10	TRANSFER	\$2	1096288 ONTARIO LTD.	2779176 ONTARIO INC.	C
WC615946	2020/11/13	CHARGE	\$5,000,000	2779176 ONTARIO INC.	THE TORONTO-DOMINION BANK	C
WC618895	2020/12/11	DISCH OF CHARGE		*** COMPLETELY DELETED *** MACKENZIE, JEAN MACKENZIE, ROBERT		
REMARKS: WC469318.						



**PROPERTY INDEX MAP**  
WELLINGTON(No. 61)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5552 8th Line, Erin  
 Legal Description: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446  
Pt Lot 17 Con 8 as in ROS235079  
 Except Pt 1 61R6356  
 PIN #: 71150-0403 (LT)

Searched at: Guelph  
 LRO #: 61

**\*\*Pertains to Pt Lot 17 Con 8 as in (ROS235079)\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 Acres)	17 11 1835	Crown	Jacob MERRILL
800	Deed	25 06 1839	Jacob Merrill	Jacob TERREBERRY
682	Deed	05 03 1846	Jacob Terreberry	Samuel McDERMID
22645	Deed	27 12 1864	Samuel McDermid	Neil McDONALD
8414	Deed	19 08 1898	Neil McDonald	Archibald McDONALD
10231	Deed	20 10 1906	Archibald McDonald	Thomas BINGHAM
11344	Deed	01 04 1911	Thomas Bingham	Robert McCUTCHEON
13962	Deed	22 07 1924	Robert McCutcheon	James H. KING
14289	Deed	22 05 1926	James H. King	Herbert COPELAND

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5552 8th Line, Erin  
 Legal Description: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446  
Pt Lot 17 Con 8 as in ROS235079  
Except Pt 1 61R6356  
 PIN #: 71150-0403 (LT)

Searched at: Guelph  
 LRO #: 61

**\*\*Pertains to Pt Lot 17 Con 8 as in(ROS235079)\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
16914	Deed	21 10 1944	Herbert Copeland	William COPELAND & Janet COPELAND
19542	Deed	12 09 1955	William Copeland & Janet Copeland	Rosemary STAPLES
46073	Deed	31 03 1965	Rosemary Staples	Charles SMITH & Mildred SMITH
58955	Deed	28 09 1966	Charles Smith & Mildred Smith	The Director, The Veterans' Land Act
85181	Deed	16 06 1969	The Director, The Veterans' Land Act	Mildred F. SMITH
85182	Deed (68.05 Acres)	16 06 1969	Mildred F. Smith	Marion KNOBLER & Bernard KNOBLER
ROS235079	Deed	30 10 1980	Marion Knobler & Bernard Knobler	Gary LANGEN
WC615698	Deed (Present Owner)	10 11 2020	Gary Langen	2779181 Ontario Inc.

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5552 8th Line, Erin  
 Legal Description: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446  
Pt Lot 17 Con 8 as in ROS235079  
Except Pt I 61R6356  
 PIN #: 71150-0403 (LT)

Searched at: Guelph  
 LRO #: 61

**\*\*Pertains to Pt 3 61R20446\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
	Patent (100 Acres)	17 11 1835	Crown	Jacob MERRILL
800	Deed	25 06 1839	Jacob Merrill	Jacob TERREBERRY
682	Deed	05 03 1846	Jacob Terreberry	Samuel McDERMID
22645	Deed	27 12 1864	Samuel McDermid	Neil McDONALD
8414	Deed	19 08 1898	Neil McDonald	Archibald McDONALD
10231	Deed	20 10 1906	Archibald McDonald	Thomas BINGHAM
11344	Deed	01 04 1911	Thomas Bingham	Robert McCUTCHEON
13962	Deed	22 07 1924	Robert McCutcheon	James H. KING
14289	Deed	22 05 1926	James H. King	Herbert COPELAND

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5552 8th Line, Erin  
 Legal Description: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446  
Pt Lot 17 Con 8 as in ROS235079  
Except Pt I 61R6356  
 PIN #: 71150-0403 (LT)

Searched at: Guelph  
 LRO #: 61

Page 2

**\*\*Pertains to Pt 3 61R20446\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
16914	Deed	21 10 1944	Herbert Copeland	William COPELAND & Janet COPELAND
19542	Deed	12 09 1955	William Copeland & Janet Copeland	Rosemary STAPLES
46073	Deed	31 03 1965	Rosemary Staples	Charles SMITH & Mildred SMITH
58955	Deed	28 09 1966	Charles Smith & Mildred Smith	The Director, The Veterans' Land Act
105699	Deed	29 06 1971	The Director, The Veterans' Land Act	Charles SMITH
105702	Deed	29 06 1971	Charles Smith	Terrence KENNEDY
184519	Deed	12 04 1977	Terrence Kennedy	Virginia KENNEDY
220864	Deed	24 08 1979	Virginia Kennedy	La Verne LIPSETT
397543	Deed	01 05 1985	La Verne Lipsett	Jean Mary KERR

Cont'd on Page 3

CHAIN OF TITLE REPORT

Project #: 21050600094  
 Address: 5552 8th Line, Erin  
 Legal Description: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446  
Pt Lot 17 Con 8 as in ROS235079  
Except Pt I 61R6356  
 PIN #: 71150-0403 (LT)

Searched at: Guelph  
 LRO #: 61

Page 3

**\*\*Pertains to Pt 3 61R20446\*\***

INSTR #	DOC. TYPE	REG. DATE	PARTY FROM	PARTY TO
601365	Deed	23 06 1989	Jean Mary Kerr	Andrew McNAUGHTON & Marjit McNAUGHTON
RO655388	Deed	29 11 1991	Andrew McNaughton & Marjit McNaughton	William Wallace DINWOODY & Martha Geertrudia DINWOODY
RO804367	Deed	26 03 1999	William Wallace Dinwoody & Martha Geertrudia Dinwoody	John Paul McLAUGHLIN
WC358377	Deed	31 10 2012	John Paul McLaughlin	1530953 Ontario Ltd.
WC421943	Deed	09 12 2014	1530953 Ontario Ltd.	Gary LANGEN
WC615698	Deed (Present Owner)	10 11 2020	Gary Langen	2779181 Ontario Inc.

PROPERTY DESCRIPTION: PT LT 17, CON 8, ERIN, PART 3, 61R20446 & PT LT 17, CON 8, ERIN AS IN ROS235079 EXCEPT PT 1, 61R6356; TOWN OF ERIN

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE  
LT CONVERSION QUALIFIED

RECENTLY:

CONSOLIDATION FROM 71150-0006, 71150-0402

PIN CREATION DATE:

2014/12/24

OWNERS' NAMES

2779181 ONTARIO INC.

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES AND DELETED INSTRUMENTS SINCE 2014/12/24 **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 2000/03/27 **						
MS66462	1967/07/26	BYLAW				C
ROS235079	1980/10/30	TRANSFER		*** DELETED AGAINST THIS PROPERTY ***	LANGEN, GARY	
WC397658	2014/03/03	CHARGE		*** DELETED AGAINST THIS PROPERTY *** LANGEN, GARY	HRYHOR, TARAS HERCHAL, WILLIAM ROBERT	
61R20446	2014/08/28	PLAN REFERENCE				C
WC421934	2014/12/09	TRANSFER		*** DELETED AGAINST THIS PROPERTY *** 1530953 ONTARIO LTD.	LANGEN, GARY	
WC422890	2014/12/19	APL CONSOLIDATE		LANGEN, GARY		C
WC498378	2017/03/20	CHARGE		*** COMPLETELY DELETED *** LANGEN, GARY	HRYHOR, SANDRA HERCHAL, RONALD	

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

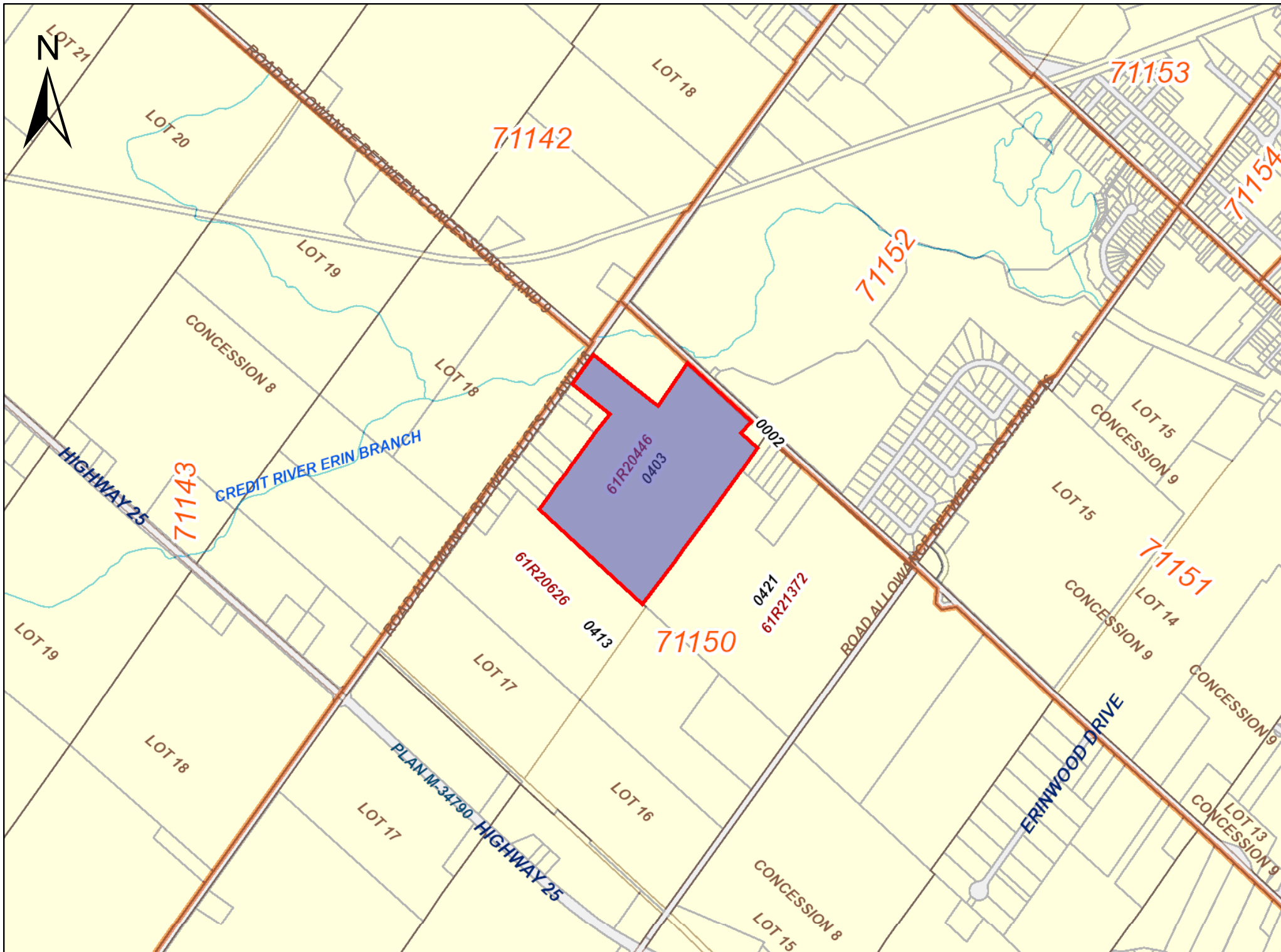
LAND  
REGISTRY  
OFFICE #61

71150-0403 (LT)

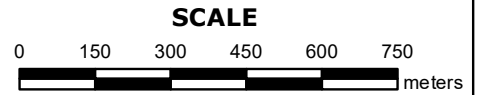
PREPARED FOR bertucci  
ON 2021/06/06 AT 10:13:01

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

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
WC517414	2017/09/20	DISCH OF CHARGE		*** COMPLETELY DELETED *** HRYHOR, SANDRA HERCHAL, RONALD		
	REMARKS: WC498378.					
WC520349	2017/10/18	DISCH OF CHARGE		*** COMPLETELY DELETED *** HRYHOR, TARAS HERCHAL, WILLIAM ROBERT		
	REMARKS: WC397658.					
WC615698	2020/11/10	TRANSFER		LANGEN, GARY	2779181 ONTARIO INC.	C



PRINTED ON 06 JUN, 2021 AT 10:16:24  
FOR BERTUCCI



**PROPERTY INDEX MAP**  
WELLINGTON(No. 61)

**LEGEND**

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

**THIS IS NOT A PLAN OF SURVEY**

**NOTES**

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

**APPENDIX G**  
**ERIS Report**



---

# DATABASE REPORT

**Project Property:** 283584  
5520 and 5552 8th Line  
Erin ON N0B 1T0

**Project No:** 283584

**Report Type:** Quote - Custom-Build Your Own Report

**Order No:** 21050600094

**Requested by:** Pinchin Ltd.

**Date Completed:** May 11, 2021

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# Executive Summary

## **Property Information:**

**Project Property:** 283584  
5520 and 5552 8th Line Erin ON N0B 1T0

**Project No:** 283584

## **Order Information:**

**Order No:** 21050600094  
**Date Requested:** May 6, 2021  
**Requested by:** Pinchin Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

**Aerial Photographs** Aerials - National Collection  
**ERIS Xplorer** [ERIS Xplorer](#)  
**Land Title Search** Historical Land Title Search  
**Physical Setting Report (PSR)** PSR  
**Topographic Map** Ontario Base Map (OBM)

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	4	1	5
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	1	1
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	1	1
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	3	23	26
<b>Total:</b>			7	28	35

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	WWIS		lot 16 con 8 ON  <i>Well ID:</i> 6712830	E/0.0	-1.87	<a href="#">17</a>
<a href="#">2</a>	EHS		5520 8 Line Erin ON NOB 1T0	SE/0.0	23.18	<a href="#">21</a>
<a href="#">2</a>	EHS		5520 Eighth Line Erin ON	SE/0.0	23.18	<a href="#">21</a>
<a href="#">2</a>	EHS		5520 8 Line Erin ON NOB 1T0	SE/0.0	23.18	<a href="#">21</a>
<a href="#">2</a>	EHS		5520 Eighth Line Erin ON	SE/0.0	23.18	<a href="#">21</a>
<a href="#">3</a>	WWIS		lot 16 con 8 ON  <i>Well ID:</i> 6700734	ENE/0.0	-2.86	<a href="#">21</a>
<a href="#">4</a>	WWIS		lot 17 con 8 ON  <i>Well ID:</i> 6700737	NNW/0.0	-24.53	<a href="#">25</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">5</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 7232033	WNW/6.6	-12.86	<a href="#">28</a>
<a href="#">6</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 7253592	W/11.4	-9.89	<a href="#">33</a>
<a href="#">7</a>	WWIS		lot 16 con 8 ON <b>Well ID:</b> 7123991	ENE/18.4	-9.87	<a href="#">38</a>
<a href="#">8</a>	WWIS		lot 18 con 9 ON <b>Well ID:</b> 7123992	ENE/18.5	-9.87	<a href="#">42</a>
<a href="#">9</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 6703510	NNW/18.9	-28.53	<a href="#">47</a>
<a href="#">10</a>	INC		5487 Eighth Line, Halton Hills ON	E/24.4	-1.25	<a href="#">50</a>
<a href="#">11</a>	WWIS		17 SIDE RD. #9469 lot 17 con 8 HILLSBURG ON <b>Well ID:</b> 7112769	WNW/31.2	-11.72	<a href="#">50</a>
<a href="#">12</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 6704165	NW/34.6	-21.45	<a href="#">57</a>
<a href="#">13</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 6713898	W/35.3	-4.61	<a href="#">60</a>
<a href="#">14</a>	WWIS		5570 8TH LINE lot 17 con 8 ERIN ON <b>Well ID:</b> 7156326	NNW/42.6	-28.53	<a href="#">64</a>
<a href="#">15</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 7221975	E/49.7	15.95	<a href="#">65</a>
<a href="#">16</a>	WWIS		WELLINGTON lot 17 con 8 ERIN ON	NNW/54.9	-30.20	<a href="#">72</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 7156327			
<a href="#">17</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 7288614	WNW/62.1	-23.26	<a href="#">74</a>
<a href="#">18</a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 6704818	E/75.5	14.50	<a href="#">81</a>
<a href="#">19</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 6711560	NNW/78.3	-31.50	<a href="#">84</a>
<a href="#">20</a>	PTTW	Derrydale Golf Course Ltd.	5525 Eighth Line, R.R.2 Erin Ontario ERIN ON	ENE/80.7	-7.45	<a href="#">87</a>
<a href="#">20</a>	EHS		5525 8th Line Erin ON N0B 1T0	ENE/80.7	-7.45	<a href="#">88</a>
<a href="#">21</a>	WWIS		9465 17TH SO.RO. lot 17 con 8 ERIN ON <b>Well ID:</b> 7101400	WNW/85.9	-11.52	<a href="#">88</a>
<a href="#">22</a>	WWIS		ON <b>Well ID:</b> 6700766	ENE/86.6	-5.07	<a href="#">95</a>
<a href="#">23</a>	SPL	Enbridge Gas Distribution Inc.	13 Delerin Cres Erin ON	E/87.4	8.80	<a href="#">97</a>
<a href="#">23</a>	PINC	ENBRIDGE GAS INC	13 DELERIN CRES,,ERIN,ON,N0B 1T0,CA ON	E/87.4	8.80	<a href="#">98</a>
<a href="#">24</a>	WWIS		lot 17 con 8 ON <b>Well ID:</b> 6706595	WNW/88.4	-18.57	<a href="#">98</a>
<a href="#">25</a>	WWIS		17TH SIDE RD. BOX 9467 lot 4 con 8 Erin ON <b>Well ID:</b> 7110312	WNW/105.1	-13.20	<a href="#">100</a>
<a href="#">26</a>	WWIS		5588 8TH LINE lot 18 con 8 ERIN ON <b>Well ID:</b> 7268298	NW/144.9	-28.00	<a href="#">108</a>
<a href="#">27</a>	WWIS		9457 SIDE RD 17 lot 17 con 8 ON	W/155.7	-10.36	<a href="#">109</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 7266478			
<a href="#">28</a>	WWIS		con 9 ON <b>Well ID:</b> 7302829	E/158.2	12.16	<a href="#">116</a>
<a href="#">29</a>	WWIS		lot 15 con 8 ON <b>Well ID:</b> 6710324	ESE/215.7	-9.64	<a href="#">121</a>
<a href="#">30</a>	WWIS		lot 18 con 9 ON <b>Well ID:</b> 6712434	NNW/244.0	-27.20	<a href="#">125</a>

# Executive Summary: Summary By Data Source

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	5520 8 Line Erin ON NOB 1T0	0.0	<a href="#"><u>2</u></a>
	5520 Eighth Line Erin ON	0.0	<a href="#"><u>2</u></a>
	5520 8 Line Erin ON NOB 1T0	0.0	<a href="#"><u>2</u></a>
	5520 Eighth Line Erin ON	0.0	<a href="#"><u>2</u></a>
	5525 8th Line Erin ON NOB 1T0	80.7	<a href="#"><u>20</u></a>

## **INC - Fuel Oil Spills and Leaks**

A search of the INC database, dated Jul 31, 2020 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	5487 Eighth Line, Halton Hills ON	24.4	<a href="#"><u>10</u></a>

## **PINC - Pipeline Incidents**

A search of the PINC database, dated Oct 31, 2020 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	13 DELERIN CRES.,ERIN,ON,N0B 1T0,CA ON	87.4	<a href="#">23</a>

### **PTTW - Permit to Take Water**

A search of the PTTW database, dated 1994-Mar 31, 2021 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Derrydale Golf Course Ltd.	5525 Eighth Line, R.R.2 Erin Ontario ERIN ON	80.7	<a href="#">20</a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Aug 2020 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	13 Delerin Cres Erin ON	87.4	<a href="#">23</a>

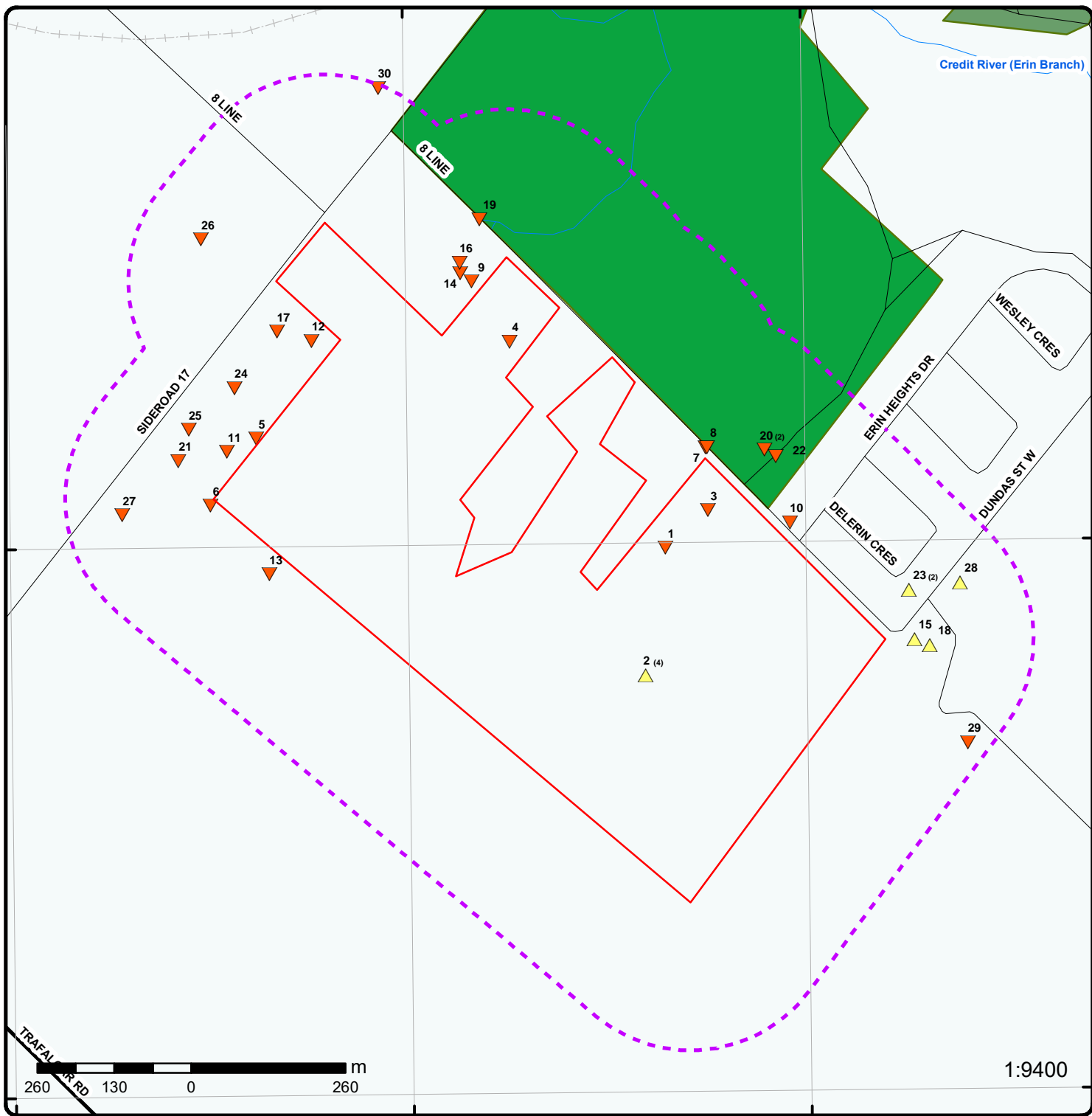
### **WWIS - Water Well Information System**

A search of the WWIS database, dated Apr 30, 2020 has found that there are 26 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 16 con 8 ON  <i>Well ID:</i> 6712830	0.0	<a href="#">1</a>
	lot 16 con 8 ON  <i>Well ID:</i> 6700734	0.0	<a href="#">3</a>
	lot 17 con 8 ON  <i>Well ID:</i> 6700737	0.0	<a href="#">4</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 17 con 8 ON  <i>Well ID: 7232033</i>	6.6	<a href="#"><u>5</u></a>
	lot 17 con 8 ON  <i>Well ID: 7253592</i>	11.4	<a href="#"><u>6</u></a>
	lot 16 con 8 ON  <i>Well ID: 7123991</i>	18.4	<a href="#"><u>7</u></a>
	lot 18 con 9 ON  <i>Well ID: 7123992</i>	18.5	<a href="#"><u>8</u></a>
	lot 17 con 8 ON  <i>Well ID: 6703510</i>	18.9	<a href="#"><u>9</u></a>
	17 SIDE RD. #9469 lot 17 con 8 HILLSBURG ON  <i>Well ID: 7112769</i>	31.2	<a href="#"><u>11</u></a>
	lot 17 con 8 ON  <i>Well ID: 6704165</i>	34.6	<a href="#"><u>12</u></a>
	lot 17 con 8 ON  <i>Well ID: 6713898</i>	35.3	<a href="#"><u>13</u></a>
	5570 8TH LINE lot 17 con 8 ERIN ON  <i>Well ID: 7156326</i>	42.6	<a href="#"><u>14</u></a>
	lot 17 con 8 ON  <i>Well ID: 7221975</i>	49.7	<a href="#"><u>15</u></a>
	WELLINGTON lot 17 con 8 ERIN ON  <i>Well ID: 7156327</i>	54.9	<a href="#"><u>16</u></a>
	lot 17 con 8 ON	62.1	<a href="#"><u>17</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7288614		
	lot 15 con 8 ON	75.5	<a href="#"><u>18</u></a>
	<i>Well ID:</i> 6704818		
	lot 17 con 8 ON	78.3	<a href="#"><u>19</u></a>
	<i>Well ID:</i> 6711560		
	9465 17TH SO.RO. lot 17 con 8 ERIN ON	85.9	<a href="#"><u>21</u></a>
	<i>Well ID:</i> 7101400		
	ON	86.6	<a href="#"><u>22</u></a>
	<i>Well ID:</i> 6700766		
	lot 17 con 8 ON	88.4	<a href="#"><u>24</u></a>
	<i>Well ID:</i> 6706595		
	17TH SIDE RD. BOX 9467 lot 4 con 8 Erin ON	105.1	<a href="#"><u>25</u></a>
	<i>Well ID:</i> 7110312		
	5588 8TH LINE lot 18 con 8 ERIN ON	144.9	<a href="#"><u>26</u></a>
	<i>Well ID:</i> 7268298		
	9457 SIDE RD 17 lot 17 con 8 ON	155.7	<a href="#"><u>27</u></a>
	<i>Well ID:</i> 7266478		
	con 9 ON	158.2	<a href="#"><u>28</u></a>
	<i>Well ID:</i> 7302829		
	lot 15 con 8 ON	215.7	<a href="#"><u>29</u></a>
	<i>Well ID:</i> 6710324		
	lot 18 con 9 ON	244.0	<a href="#"><u>30</u></a>
	<i>Well ID:</i> 6712434		



1:9400

### Map: 0.25 Kilometer Radius

Order Number: 21050600094

Address: 5520 and 5552 8th Line, Erin, ON



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

80°6'W

43°46'30"N

43°46'30"N



**Aerial** Year: 2018

Order Number: 21050600094

**Address: 5520 and 5552 8th Line, Erin, ON**



Source: ESRI World Imagery

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80°6'W

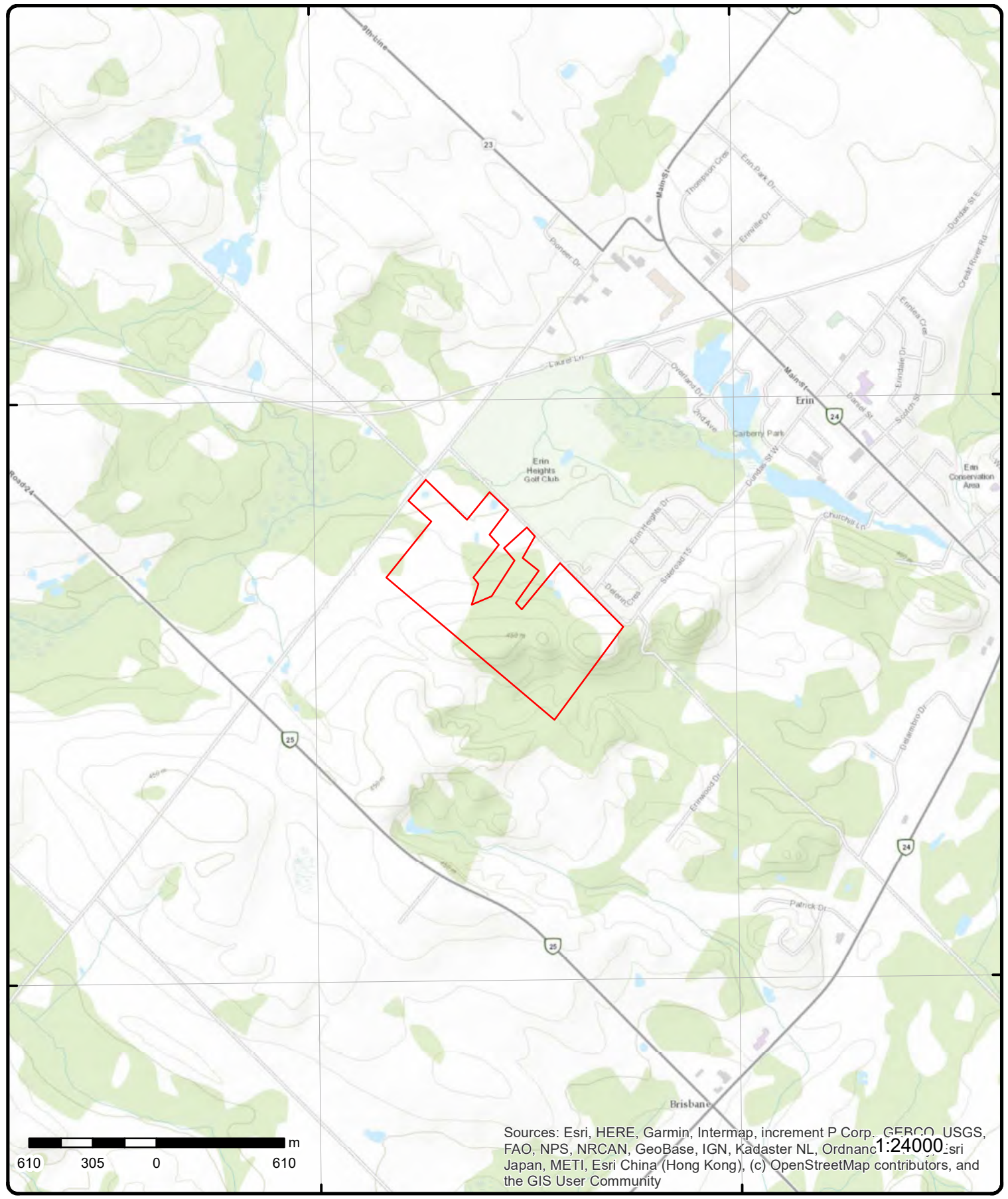
80°4'30"W

43°46'30"N

43°46'30"N

43°45'N

43°45'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), (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Order Number: 21050600094

Address: 5520 and 5552 8th Line, ON



Source: ESRI World Topographic Map

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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	E/0.0	425.2 / -1.87	lot 16 con 8 ON	WWIS

<p><b>Well ID:</b> 6712830</p> <p><b>Construction Date:</b></p> <p><b>Primary Water Use:</b> Domestic</p> <p><b>Sec. Water Use:</b></p> <p><b>Final Well Status:</b> Water Supply</p> <p><b>Water Type:</b></p> <p><b>Casing Material:</b></p> <p><b>Audit No:</b> 192048</p> <p><b>Tag:</b></p> <p><b>Construction Method:</b></p> <p><b>Elevation (m):</b></p> <p><b>Elevation Reliability:</b></p> <p><b>Depth to Bedrock:</b></p> <p><b>Well Depth:</b></p> <p><b>Overburden/Bedrock:</b></p> <p><b>Pump Rate:</b></p> <p><b>Static Water Level:</b></p> <p><b>Flowing (Y/N):</b></p> <p><b>Flow Rate:</b></p> <p><b>Clear/Cloudy:</b></p>	<p><b>Data Entry Status:</b></p> <p><b>Data Src:</b> 1</p> <p><b>Date Received:</b> 1/7/1999</p> <p><b>Selected Flag:</b> Yes</p> <p><b>Abandonment Rec:</b></p> <p><b>Contractor:</b> 3317</p> <p><b>Form Version:</b> 1</p> <p><b>Owner:</b></p> <p><b>Street Name:</b></p> <p><b>County:</b> WELLINGTON</p> <p><b>Municipality:</b> ERIN TOWNSHIP</p> <p><b>Site Info:</b></p> <p><b>Lot:</b> 016</p> <p><b>Concession:</b> 08</p> <p><b>Concession Name:</b> CON</p> <p><b>Easting NAD83:</b></p> <p><b>Northing NAD83:</b></p> <p><b>Zone:</b></p> <p><b>UTM Reliability:</b></p>
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**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6712830.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712830.pdf)

**Bore Hole Information**

<p><b>Bore Hole ID:</b> 10476663</p> <p><b>DP2BR:</b> 110</p> <p><b>Spatial Status:</b></p> <p><b>Code OB:</b> r</p> <p><b>Code OB Desc:</b> Bedrock</p> <p><b>Open Hole:</b></p> <p><b>Cluster Kind:</b></p> <p><b>Date Completed:</b> 12/3/1998</p> <p><b>Remarks:</b></p> <p><b>Elevrc Desc:</b></p> <p><b>Location Source Date:</b></p> <p><b>Improvement Location Source:</b></p> <p><b>Improvement Location Method:</b></p> <p><b>Source Revision Comment:</b></p> <p><b>Supplier Comment:</b></p>	<p><b>Elevation:</b> 427.654998</p> <p><b>Elevrc:</b></p> <p><b>Zone:</b> 17</p> <p><b>East83:</b> 573541.3</p> <p><b>North83:</b> 4846354</p> <p><b>Org CS:</b></p> <p><b>UTMRC:</b> 3</p> <p><b>UTMRC Desc:</b> margin of error : 10 - 30 m</p> <p><b>Location Method:</b> gps</p>
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**Overburden and Bedrock Materials Interval**

**Formation ID:** 932659186

**Layer:** 5

**Color:** 2

**General Color:** GREY

**Mat1:** 15

**Most Common Material:** LIMESTONE

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		135			
<b>Formation End Depth:</b>		160			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932659183			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>		28			
<b>Mat3 Desc:</b>		SAND			
<b>Formation Top Depth:</b>		20			
<b>Formation End Depth:</b>		85			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932659184			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		85			
<b>Formation End Depth:</b>		110			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932659185			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		110			
<b>Formation End Depth:</b>		135			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		932659182			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		28			
<b>Mat2 Desc:</b>		SAND			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		20			
<b>Formation End Depth UOM:</b>		ft			

**Method of Construction & Well Use**

**Method Construction ID:** 966712830  
**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11025233  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930776609  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 160  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930776608  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 115  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 996712830  
**Pump Set At:**  
**Static Level:** 75  
**Final Level After Pumping:** 90  
**Recommended Pump Depth:** 130  
**Pumping Rate:** 10  
**Flowing Rate:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		No			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934870219			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		90			
<b>Test Level UOM:</b>		ft			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934617955			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		90			
<b>Test Level UOM:</b>		ft			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934353374			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		90			
<b>Test Level UOM:</b>		ft			
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935131270			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		90			
<b>Test Level UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933967386			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		155			
<b>Water Found Depth UOM:</b>		ft			
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		933967385			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		140			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">2</a>	1 of 4	SE/0.0	450.3 / 23.18	5520 8 Line Erin ON N0B 1T0	EHS
<b>Order No:</b>	20302800012	<b>Nearest Intersection:</b>			
<b>Status:</b>	C	<b>Municipality:</b>			
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	02-NOV-20	<b>Search Radius (km):</b>	.25		
<b>Date Received:</b>	28-OCT-20	<b>X:</b>	-80.0835365		
<b>Previous Site Name:</b>		<b>Y:</b>	43.7666092		
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">2</a>	2 of 4	SE/0.0	450.3 / 23.18	5520 Eighth Line Erin ON	EHS
<b>Order No:</b>	20291100198	<b>Nearest Intersection:</b>			
<b>Status:</b>	C	<b>Municipality:</b>	Erin		
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	16-SEP-20	<b>Search Radius (km):</b>	.25		
<b>Date Received:</b>	11-SEP-20	<b>X:</b>	-80.08674733		
<b>Previous Site Name:</b>		<b>Y:</b>	43.76466529		
<b>Lot/Building Size:</b>	1000 Acres				
<b>Additional Info Ordered:</b>	City Directory				
<a href="#">2</a>	3 of 4	SE/0.0	450.3 / 23.18	5520 8 Line Erin ON N0B 1T0	EHS
<b>Order No:</b>	20302800012	<b>Nearest Intersection:</b>			
<b>Status:</b>	C	<b>Municipality:</b>			
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	02-NOV-20	<b>Search Radius (km):</b>	.25		
<b>Date Received:</b>	28-OCT-20	<b>X:</b>	-80.0835365		
<b>Previous Site Name:</b>		<b>Y:</b>	43.7666092		
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans				
<a href="#">2</a>	4 of 4	SE/0.0	450.3 / 23.18	5520 Eighth Line Erin ON	EHS
<b>Order No:</b>	20291100198	<b>Nearest Intersection:</b>			
<b>Status:</b>	C	<b>Municipality:</b>	Erin		
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	16-SEP-20	<b>Search Radius (km):</b>	.25		
<b>Date Received:</b>	11-SEP-20	<b>X:</b>	-80.08674733		
<b>Previous Site Name:</b>		<b>Y:</b>	43.76466529		
<b>Lot/Building Size:</b>	1000 Acres				
<b>Additional Info Ordered:</b>	City Directory				
<a href="#">3</a>	1 of 1	ENE/0.0	424.2 / -2.86	lot 16 con 8 ON	WWIS
<b>Well ID:</b>	6700734	<b>Data Entry Status:</b>			
<b>Construction Date:</b>		<b>Data Src:</b>	1		
<b>Primary Water Use:</b>	Livestock	<b>Date Received:</b>	8/9/1963		
<b>Sec. Water Use:</b>	Domestic	<b>Selected Flag:</b>	Yes		
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>			
<b>Water Type:</b>		<b>Contractor:</b>	2406		
<b>Casing Material:</b>		<b>Form Version:</b>	1		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	016
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6700734.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700734.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10464880	<b>Elevation:</b>	427.13504
<b>DP2BR:</b>	169	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	573613.3
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846418
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	8/6/1963	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock Materials Interval**

<b>Formation ID:</b>	932605873
<b>Layer:</b>	4
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	70
<b>Formation End Depth:</b>	83
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock Materials Interval**

<b>Formation ID:</b>	932605871
<b>Layer:</b>	2
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		55			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932605872			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		55			
<b>Formation End Depth:</b>		70			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932605870			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		2			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932605876			
<b>Layer:</b>		7			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		168			
<b>Formation End Depth:</b>		169			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932605874			
<b>Layer:</b>		5			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		83			
<b>Formation End Depth:</b>		105			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932605877			
<b>Layer:</b>		8			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		26			
<b>Most Common Material:</b>		ROCK			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		169			
<b>Formation End Depth:</b>		170			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932605875			
<b>Layer:</b>		6			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		05			
<b>Mat3 Desc:</b>		CLAY			
<b>Formation Top Depth:</b>		105			
<b>Formation End Depth:</b>		168			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966700734			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11013450			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930755530			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		170			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

**Results of Well Yield Testing**

Pump Test ID:	996700734
Pump Set At:	
Static Level:	105
Final Level After Pumping:	110
Recommended Pump Depth:	125
Pumping Rate:	10
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:	6
Pumping Duration MIN:	30
Flowing:	No

**Water Details**

Water ID:	933952864
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	170
Water Found Depth UOM:	ft

<u>4</u>	1 of 1	NNW/0.0	402.5 / -24.53	lot 17 con 8 ON	WWIS
Well ID:	6700737				
Construction Date:				Data Entry Status:	
Primary Water Use:	Livestock			Data Src:	1
Sec. Water Use:	Domestic			Date Received:	2/7/1968
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	3316
Audit No:				Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	WELLINGTON
Elevation Reliability:				Municipality:	ERIN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	017
Overburden/Bedrock:				Concession:	08
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6700737.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700737.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10464883	<b>Elevation:</b>	406.1958
<b>DP2BR:</b>	48	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	573278.3
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846702
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	12/12/1967	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932605892
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	48
<b>Formation End Depth:</b>	90
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932605891
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	48
<b>Formation End Depth UOM:</b>	ft

**Method of Construction & Well**

**Use**

<b>Method Construction ID:</b>	966700737
<b>Method Construction Code:</b>	1
<b>Method Construction:</b>	Cable Tool
<b>Other Method Construction:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11013453			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930755535			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		54			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930755536			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		90			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996700737			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>		0			
<b>Recommended Pump Depth:</b>		20			
<b>Pumping Rate:</b>		5			
<b>Flowing Rate:</b>		5			
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		Yes			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933952867			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		85			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>5</u>	1 of 1	WNW/6.6	414.2 / -12.86	lot 17 con 8 ON	WWIS

<b>Well ID:</b>	7232033	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	11/19/2014
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7154
<b>Casing Material:</b>		<b>Form Version:</b>	7
<b>Audit No:</b>	Z197982	<b>Owner:</b>	
<b>Tag:</b>	A146175	<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	017
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/723\7232033.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7232033.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	1005228361	<b>Elevation:</b>	415.642486
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	572851
<b>Code OB Desc:</b>		<b>North83:</b>	4846538
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	10/29/2014	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	1005420744
<b>Layer:</b>	3
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	75
<b>Formation End Depth:</b>	122
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock Materials Interval

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1005420742			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		12			
<b>Mat3 Desc:</b>		STONES			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		28			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005420743			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		28			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005420771			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		81			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005420770			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005420740			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005420748			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Depth From:</b>		0			
<b>Depth To:</b>		81			
<b>Casing Diameter:</b>		6.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005420749			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		81			
<b>Depth To:</b>		122			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1005420750			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1005420741			
<b>Pump Set At:</b>		80			
<b>Static Level:</b>		47			
<b>Final Level After Pumping:</b>		61			
<b>Recommended Pump Depth:</b>		80			
<b>Pumping Rate:</b>		20			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		20			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420752			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		51			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420762			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Test Level:</b>		47			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420766			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		47			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420761			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420767			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420759			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420764			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		40			
<b>Test Level:</b>		47			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420756			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		47			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420760			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		47			
<b>Test Level UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420751		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			5		
<b>Test Level:</b>			56		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420758		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			20		
<b>Test Level:</b>			47		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420753		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			10		
<b>Test Level:</b>			59		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420763		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			40		
<b>Test Level:</b>			61		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420765		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			50		
<b>Test Level:</b>			61		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420754		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			10		
<b>Test Level:</b>			47		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420768		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			60		
<b>Test Level:</b>			47		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1005420755		
<b>Test Type:</b>			Draw Down		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Duration:</b>		15			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005420757			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005420747			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		116			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005420745			
<b>Diameter:</b>		8.75			
<b>Depth From:</b>		0			
<b>Depth To:</b>		81			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005420746			
<b>Diameter:</b>		6			
<b>Depth From:</b>		81			
<b>Depth To:</b>		122			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<a href="#">6</a>	1 of 1	W/11.4	417.2 / -9.89	lot 17 con 8 ON	WWIS
<b>Well ID:</b>		7253592		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 12/3/2015	
<b>Sec. Water Use:</b>				<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 7154	
<b>Casing Material:</b>				<b>Form Version:</b> 7	
<b>Audit No:</b>		Z220234		<b>Owner:</b>	
<b>Tag:</b>		A173691		<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> WELLINGTON	
<b>Elevation (m):</b>				<b>Municipality:</b> ERIN TOWNSHIP	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b> 017	
<b>Well Depth:</b>				<b>Concession:</b> 08	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b> CON	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/725\7253592.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7253592.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	1005828269	<b>Elevation:</b>	418.42517
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	572774
<b>Code OB Desc:</b>		<b>North83:</b>	4846425
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	11/2/2015	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1005880421
<b>Layer:</b>	4
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	121
<b>Formation End Depth:</b>	147
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1005880419
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	32
<b>Formation End Depth:</b>	86
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1005880420
<b>Layer:</b>	3
<b>Color:</b>	6
<b>General Color:</b>	BROWN

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		86			
<b>Formation End Depth:</b>		121			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005880418			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		32			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005880439			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		90			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005880438			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005880416			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005880426			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		90			
<b>Depth To:</b>		147			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Construction Record - Casing**

**Casing ID:** 1005880425  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:** 0  
**Depth To:** 90  
**Casing Diameter:** 6.25  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 1005880427  
**Layer:**  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:**

**Results of Well Yield Testing**

**Pump Test ID:** 1005880417  
**Pump Set At:** 80  
**Static Level:** 51  
**Final Level After Pumping:** 71  
**Recommended Pump Depth:** 80  
**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:** 0  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:**  
**Flowing:**

**Draw Down & Recovery**

**Pump Test Detail ID:** 1005880433  
**Test Type:** Draw Down  
**Test Duration:** 20  
**Test Level:** 70  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 1005880429  
**Test Type:** Recovery  
**Test Duration:** 5  
**Test Level:** 53  
**Test Level UOM:** ft

**Draw Down & Recovery**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pump Test Detail ID:</b>		1005880435			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		71			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005880431			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		51			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005880436			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		51			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005880430			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		65			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005880432			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		68			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005880434			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		71			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005880428			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		62			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005880424			
<b>Layer:</b>					
<b>Kind Code:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b> ft					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1005880422					
<b>Diameter:</b> 8.75					
<b>Depth From:</b> 0					
<b>Depth To:</b> 90					
<b>Hole Depth UOM:</b> ft					
<b>Hole Diameter UOM:</b> inch					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1005880423					
<b>Diameter:</b> 6					
<b>Depth From:</b> 90					
<b>Depth To:</b> 147					
<b>Hole Depth UOM:</b> ft					
<b>Hole Diameter UOM:</b> inch					

<a href="#">7</a>	1 of 1	<b>ENE/18.4</b>	<b>417.2 / -9.87</b>	<b>lot 16 con 8 ON</b>	<b>WWIS</b>
<b>Well ID:</b> 7123991					
<b>Construction Date:</b>					
<b>Primary Water Use:</b> Monitoring					
<b>Sec. Water Use:</b>					
<b>Final Well Status:</b> Observation Wells					
<b>Water Type:</b>					
<b>Casing Material:</b>					
<b>Audit No:</b> Z89737					
<b>Tag:</b> A073328					
<b>Construction Method:</b>					
<b>Elevation (m):</b>					
<b>Elevation Reliability:</b>					
<b>Depth to Bedrock:</b>					
<b>Well Depth:</b>					
<b>Overburden/Bedrock:</b>					
<b>Pump Rate:</b>					
<b>Static Water Level:</b>					
<b>Flowing (Y/N):</b>					
<b>Flow Rate:</b>					
<b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b>					
<b>Data Src:</b>					
<b>Date Received:</b> 6/8/2009					
<b>Selected Flag:</b> Yes					
<b>Abandonment Rec:</b>					
<b>Contractor:</b> 7154					
<b>Form Version:</b> 7					
<b>Owner:</b>					
<b>Street Name:</b>					
<b>County:</b> WELLINGTON					
<b>Municipality:</b> ERIN TOWNSHIP					
<b>Site Info:</b>					
<b>Lot:</b> 016					
<b>Concession:</b> 08					
<b>Concession Name:</b> CON					
<b>Easting NAD83:</b>					
<b>Northing NAD83:</b>					
<b>Zone:</b>					
<b>UTM Reliability:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/7127123991.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7127123991.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b> 1002457926					
<b>DP2BR:</b>					
<b>Spatial Status:</b>					
<b>Code OB:</b>					
<b>Code OB Desc:</b>					
<b>Open Hole:</b>					
<b>Cluster Kind:</b>					
<b>Date Completed:</b> 3/27/2009					
<b>Remarks:</b>					
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Elevation:</b> 420.060058					
<b>Elevrc:</b>					
<b>Zone:</b> 17					
<b>East83:</b> 573609					
<b>North83:</b> 4846524					
<b>Org CS:</b> UTM83					
<b>UTMRC:</b> 4					
<b>UTMRC Desc:</b> margin of error : 30 m - 100 m					
<b>Location Method:</b> wwr					

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

Overburden and Bedrock  
Materials Interval

Formation ID: 1002608005  
 Layer: 1  
 Color: 6  
 General Color: BROWN  
 Mat1: 05  
 Most Common Material: CLAY  
 Mat2: 12  
 Mat2 Desc: STONES  
 Mat3: 84  
 Mat3 Desc: SILTY  
 Formation Top Depth: 0  
 Formation End Depth: 37  
 Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 1002608008  
 Layer: 4  
 Color: 2  
 General Color: GREY  
 Mat1: 15  
 Most Common Material: LIMESTONE  
 Mat2:  
 Mat2 Desc:  
 Mat3:  
 Mat3 Desc:  
 Formation Top Depth: 147  
 Formation End Depth: 197  
 Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 1002608007  
 Layer: 3  
 Color: 6  
 General Color: BROWN  
 Mat1: 15  
 Most Common Material: LIMESTONE  
 Mat2:  
 Mat2 Desc:  
 Mat3:  
 Mat3 Desc:  
 Formation Top Depth: 103  
 Formation End Depth: 147  
 Formation End Depth UOM: ft

Overburden and Bedrock  
Materials Interval

Formation ID: 1002608006  
 Layer: 2  
 Color: 2  
 General Color: GREY

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		37			
<b>Formation End Depth:</b>		103			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1002608011			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		105			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1002608023			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1002608003			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002608015			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		0			
<b>Depth To:</b>		105			
<b>Casing Diameter:</b>		4.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002608016			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		105			
<b>Depth To:</b>		197			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002608017			

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

Slot:

Screen Top Depth:

Screen End Depth:

Screen Material:

Screen Depth UOM: ft

Screen Diameter UOM: inch

Screen Diameter:

**Results of Well Yield Testing**

Pump Test ID: 1002608004

Pump Set At: 75

Static Level: 54

Final Level After Pumping:

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: 0

Pumping Duration HR: 1

Pumping Duration MIN: 0

Flowing:

**Draw Down & Recovery**

Pump Test Detail ID: 1002608020

Test Type: Draw Down

Test Duration: 60

Test Level: 55

Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 1002608021

Test Type: Recovery

Test Duration: 60

Test Level: 54

Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 1002608018

Test Type: Draw Down

Test Duration: 5

Test Level: 55

Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 1002608019

Test Type: Recovery

Test Duration: 5

Test Level: 54

Test Level UOM: ft

**Water Details**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water ID:</b>		1002608013			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		154			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1002608012			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		136			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1002608014			
<b>Layer:</b>		3			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		174			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002608009			
<b>Diameter:</b>		8			
<b>Depth From:</b>		0			
<b>Depth To:</b>		105			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002608010			
<b>Diameter:</b>		4			
<b>Depth From:</b>		105			
<b>Depth To:</b>		197			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

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1 of 1

ENE/18.5

417.2 / -9.87

lot 18 con 9  
ON

WWIS

**Well ID:** 7123992  
**Construction Date:**  
**Primary Water Use:** Monitoring  
**Sec. Water Use:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z89738  
**Tag:** A073327  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 6/8/2009  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 7154  
**Form Version:** 7  
**Owner:**  
**Street Name:**  
**County:** WELLINGTON  
**Municipality:** ERIN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:** 09  
**Concession Name:** CON

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/712\7123992.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123992.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	1002457929	<b>Elevation:</b>	420.061645
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	573611
<b>Code OB Desc:</b>		<b>North83:</b>	4846524
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	3/26/2009	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1002608042
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	27
<b>Formation End Depth:</b>	32
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	1002608044
<b>Layer:</b>	4
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	117
<b>Formation End Depth:</b>	150
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1002608043			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		32			
<b>Formation End Depth:</b>		117			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1002608041			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>		84			
<b>Mat3 Desc:</b>		SILTY			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		27			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1002608047			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		34			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		1002608059			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1002608039			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002608051			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Depth From:</b>		0			
<b>Depth To:</b>		34			
<b>Casing Diameter:</b>		4.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002608052			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		34			
<b>Depth To:</b>		150			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002608053			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1002608040			
<b>Pump Set At:</b>		25			
<b>Static Level:</b>		8			
<b>Final Level After Pumping:</b>		9			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>					
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1002608055			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		8			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1002608057			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Test Level:</b>			8		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002608054		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			5		
<b>Test Level:</b>			9		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002608056		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			60		
<b>Test Level:</b>			9		
<b>Test Level UOM:</b>			ft		
<b><u>Water Details</u></b>					
<b>Water ID:</b>			1002608048		
<b>Layer:</b>			1		
<b>Kind Code:</b>			1		
<b>Kind:</b>			FRESH		
<b>Water Found Depth:</b>			87		
<b>Water Found Depth UOM:</b>			ft		
<b><u>Water Details</u></b>					
<b>Water ID:</b>			1002608049		
<b>Layer:</b>			2		
<b>Kind Code:</b>			1		
<b>Kind:</b>			FRESH		
<b>Water Found Depth:</b>			101		
<b>Water Found Depth UOM:</b>			ft		
<b><u>Water Details</u></b>					
<b>Water ID:</b>			1002608050		
<b>Layer:</b>			3		
<b>Kind Code:</b>			1		
<b>Kind:</b>			FRESH		
<b>Water Found Depth:</b>			112		
<b>Water Found Depth UOM:</b>			ft		
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>			1002608046		
<b>Diameter:</b>			4		
<b>Depth From:</b>			34		
<b>Depth To:</b>			150		
<b>Hole Depth UOM:</b>			ft		
<b>Hole Diameter UOM:</b>			inch		
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>			1002608045		
<b>Diameter:</b>			8		
<b>Depth From:</b>			0		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: Hole Depth UOM: Hole Diameter UOM:		34 ft inch			

<u>9</u>	1 of 1	NNW/18.9	398.5 / -28.53	lot 17 con 8 ON	WWIS
<b>Well ID:</b>	6703510			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Livestock			<b>Date Received:</b>	11/19/1969
<b>Sec. Water Use:</b>	Domestic			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3316
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	017
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6703510.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6703510.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	10467647	<b>Elevation:</b>	401.124847
<b>DP2BR:</b>	29	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	573214.3
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846803
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	7/24/1969	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	932618240
<b>Layer:</b>	3
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	29
<b>Formation End Depth:</b>	55

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932618239			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		24			
<b>Formation End Depth:</b>		29			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932618238			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		24			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966703510			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11016217			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930760777			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		55			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930760776			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		35			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996703510			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>		20			
<b>Recommended Pump Depth:</b>		30			
<b>Pumping Rate:</b>		20			
<b>Flowing Rate:</b>		5			
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		Yes			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934345718			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		20			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935123267			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		20			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934858478			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		20			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934604289			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		20			
Test Level UOM:		ft			
<b>Water Details</b>					
Water ID:		933955998			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		49			
Water Found Depth UOM:		ft			

<a href="#">10</a>	1 of 1	E/24.4	425.8 / -1.25	5487 Eighth Line, Halton Hills ON	INC
<b>Incident No:</b>	948698			<b>Any Health Impact:</b>	No
<b>Incident ID:</b>	3106824			<b>Any Enviro Impact:</b>	Unknown
<b>Instance No:</b>				<b>Service Interrupted:</b>	No
<b>Status Code:</b>	Open L1 Incident Inspection			<b>Was Prop Damaged:</b>	No
<b>Attribute Category:</b>	FS-Perform L1 Incident Insp			<b>Reside App. Type:</b>	
<b>Context:</b>				<b>Commer App. Type:</b>	
<b>Date of Occurrence:</b>	2012/11/21 00:00:00			<b>Indus App. Type:</b>	
<b>Time of Occurrence:</b>	14:56:00			<b>Institut App. Type:</b>	
<b>Incident Created On:</b>				<b>Venting Type:</b>	
<b>Instance Creation Dt:</b>				<b>Vent Conn Mater:</b>	
<b>Instance Install Dt:</b>				<b>Vent Chimney Mater:</b>	
<b>Occur Insp Start Date:</b>	2012/11/23 00:00:00			<b>Pipeline Type:</b>	
<b>Approx Quant Rel:</b>	unknown			<b>Pipeline Involved:</b>	
<b>Tank Capacity:</b>				<b>Pipe Material:</b>	
<b>Fuels Occur Type:</b>	Leak			<b>Depth Ground Cover:</b>	
<b>Fuel Type Involved:</b>	Fuel Oil			<b>Regulator Location:</b>	
<b>Enforcement Policy:</b>	NULL			<b>Regulator Type:</b>	
<b>Prc Escalation Req:</b>	NULL			<b>Operation Pressure:</b>	
<b>Tank Material Type:</b>				<b>Liquid Prop Make:</b>	
<b>Tank Storage Type:</b>				<b>Liquid Prop Model:</b>	
<b>Tank Location Type:</b>				<b>Liquid Prop Serial No:</b>	
<b>Pump Flow Rate Cap:</b>				<b>Liquid Prop Notes:</b>	
<b>Task No:</b>	4184770			<b>Equipment Type:</b>	
<b>Notes:</b>				<b>Equipment Model:</b>	
<b>Drainage System:</b>	Unknown			<b>Serial No:</b>	
<b>Sub Surface Contam.:</b>	to be determined			<b>Cylinder Capacity:</b>	
<b>Aff Prop Use Water:</b>	Unknown			<b>Cylinder Cap Units:</b>	
<b>Contam. Migrated:</b>	Unknown			<b>Cylinder Mat Type:</b>	
<b>Contact Natural Env:</b>	Unknown			<b>Near Body of Water:</b>	Unknown
<b>Incident Location:</b>	5487 Eighth Line, Halton Hills - Leak				
<b>Occurence Narrative:</b>	Leak from compression fitting				
<b>Operation Type Involved:</b>	Private Dwelling				
<b>Item:</b>					
<b>Item Description:</b>					
<b>Device Installed Location:</b>					

<a href="#">11</a>	1 of 1	WNW/31.2	415.3 / -11.72	17 SIDE RD. #9469 lot 17 con 8 HILLSBURG ON	WWIS
<b>Well ID:</b>	7112769			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	10/9/2008
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7385
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z80651			<b>Owner:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A066875			Street Name:	17 SIDE RD. #9469
Construction Method:				County:	WELLINGTON
Elevation (m):				Municipality:	ERIN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	017
Well Depth:				Concession:	08
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/711\7112769.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7112769.pdf)

#### Bore Hole Information

Bore Hole ID:	1001832956	Elevation:	416.447113
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572802
Code OB Desc:		North83:	4846516
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	9/22/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

#### Overburden and Bedrock

##### Materials Interval

Formation ID:	1001929259
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

#### Overburden and Bedrock

##### Materials Interval

Formation ID:	1001929260
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		86			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1001929261			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		26			
<b>Most Common Material:</b>		ROCK			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		86			
<b>Formation End Depth:</b>		120			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1001929264			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1001929296			
<b>Method Construction Code:</b>		4			
<b>Method Construction:</b>		Rotary (Air)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1001929257			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1001929266			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		-2			
<b>Depth To:</b>		86			
<b>Casing Diameter:</b>		6.125			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1001929267			
<b>Layer:</b>		2			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		86			
<b>Depth To:</b>		120			
<b>Casing Diameter:</b>		6.125			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1001929268			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1001929258			
<b>Pump Set At:</b>		100			
<b>Static Level:</b>		49			
<b>Final Level After Pumping:</b>		66			
<b>Recommended Pump Depth:</b>		100			
<b>Pumping Rate:</b>		12			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		12			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>					
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929271			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		2			
<b>Test Level:</b>		59			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929285			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		66			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929279			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		66			
<b>Test Level UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929284		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			20		
<b>Test Level:</b>			49		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929287		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			30		
<b>Test Level:</b>			66		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929289		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			40		
<b>Test Level:</b>			66		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929273		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			3		
<b>Test Level:</b>			62		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929291		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			50		
<b>Test Level:</b>			66		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929277		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			5		
<b>Test Level:</b>			65		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001929280		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			10		
<b>Test Level:</b>			49		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pump Test Detail ID:</b>		1001929292			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		49			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929281			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		66			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929270			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		60			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929274			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		3			
<b>Test Level:</b>		54			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929278			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		50			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929275			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		64			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929286			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		49			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001929282			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		49			

<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>Test Level UOM:</i>		ft			
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929288				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	30				
<i>Test Level:</i>	49				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929283				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	20				
<i>Test Level:</i>	66				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929269				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	1				
<i>Test Level:</i>	54				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929272				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	2				
<i>Test Level:</i>	57				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929294				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	49				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929293				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	66				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001929290				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	49				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Test Detail ID:</b> 1001929276					
<b>Test Type:</b> Recovery					
<b>Test Duration:</b> 4					
<b>Test Level:</b> 52					
<b>Test Level UOM:</b> ft					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 1001929265					
<b>Layer:</b> 1					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 12					
<b>Water Found Depth UOM:</b> ft					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1001929263					
<b>Diameter:</b> 6.125					
<b>Depth From:</b> 20					
<b>Depth To:</b> 120					
<b>Hole Depth UOM:</b> ft					
<b>Hole Diameter UOM:</b> inch					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1001929262					
<b>Diameter:</b> 8.75					
<b>Depth From:</b> 0					
<b>Depth To:</b> 20					
<b>Hole Depth UOM:</b> ft					
<b>Hole Diameter UOM:</b> inch					

<a href="#">12</a>	1 of 1	NW/34.6	405.6 / -21.45	lot 17 con 8 ON	WWIS
<b>Well ID:</b> 6704165					
<b>Construction Date:</b>					
<b>Primary Water Use:</b> Domestic					
<b>Sec. Water Use:</b> 0					
<b>Final Well Status:</b> Water Supply					
<b>Water Type:</b>					
<b>Casing Material:</b>					
<b>Audit No:</b>					
<b>Tag:</b>					
<b>Construction Method:</b>					
<b>Elevation (m):</b>					
<b>Elevation Reliability:</b>					
<b>Depth to Bedrock:</b>					
<b>Well Depth:</b>					
<b>Overburden/Bedrock:</b>					
<b>Pump Rate:</b>					
<b>Static Water Level:</b>					
<b>Flowing (Y/N):</b>					
<b>Flow Rate:</b>					
<b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b>					
<b>Data Src:</b> 1					
<b>Date Received:</b> 2/11/1972					
<b>Selected Flag:</b> Yes					
<b>Abandonment Rec:</b>					
<b>Contractor:</b> 3316					
<b>Form Version:</b> 1					
<b>Owner:</b>					
<b>Street Name:</b>					
<b>County:</b> WELLINGTON					
<b>Municipality:</b> ERIN TOWNSHIP					
<b>Site Info:</b>					
<b>Lot:</b> 017					
<b>Concession:</b> 08					
<b>Concession Name:</b> CON					
<b>Easting NAD83:</b>					
<b>Northing NAD83:</b>					
<b>Zone:</b>					
<b>UTM Reliability:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/6706704165.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/6706704165.pdf)

**Bore Hole Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bore Hole ID:</b>	10468278			<b>Elevation:</b>	409.529327
<b>DP2BR:</b>	56			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	572944.3
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4846703
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	9/18/1971			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932620916  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 75  
**Formation End Depth:** 120  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932620915  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 05  
**Mat2 Desc:** CLAY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 56  
**Formation End Depth:** 75  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932620914  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:** 11  
**Mat3 Desc:** GRAVEL

<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>Formation Top Depth:</i>			0		
<i>Formation End Depth:</i>			56		
<i>Formation End Depth UOM:</i>			ft		
 <b><u>Method of Construction &amp; Well Use</u></b>					
<i>Method Construction ID:</i>			966704165		
<i>Method Construction Code:</i>			2		
<i>Method Construction:</i>			Rotary (Convent.)		
<i>Other Method Construction:</i>					
 <b><u>Pipe Information</u></b>					
<i>Pipe ID:</i>			11016848		
<i>Casing No:</i>			1		
<i>Comment:</i>					
<i>Alt Name:</i>					
 <b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>			930761935		
<i>Layer:</i>			1		
<i>Material:</i>			1		
<i>Open Hole or Material:</i>			STEEL		
<i>Depth From:</i>					
<i>Depth To:</i>			77		
<i>Casing Diameter:</i>			4		
<i>Casing Diameter UOM:</i>			inch		
<i>Casing Depth UOM:</i>			ft		
 <b><u>Construction Record - Casing</u></b>					
<i>Casing ID:</i>			930761936		
<i>Layer:</i>			2		
<i>Material:</i>			4		
<i>Open Hole or Material:</i>			OPEN HOLE		
<i>Depth From:</i>					
<i>Depth To:</i>			120		
<i>Casing Diameter:</i>			4		
<i>Casing Diameter UOM:</i>			inch		
<i>Casing Depth UOM:</i>			ft		
 <b><u>Results of Well Yield Testing</u></b>					
<i>Pump Test ID:</i>			996704165		
<i>Pump Set At:</i>					
<i>Static Level:</i>			15		
<i>Final Level After Pumping:</i>			24		
<i>Recommended Pump Depth:</i>			35		
<i>Pumping Rate:</i>			8		
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>			8		
<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>			No		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934347414			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		24			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934614863			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		24			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935133596			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		24			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934860116			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		24			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933956716			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		116			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">13</a>	1 of 1	W/35.3	422.5 / -4.61	lot 17 con 8 ON	WWIS
<b>Well ID:</b>	6713898			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	11/9/2001
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7154
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	238263			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	017
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	

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

Zone:  
UTM Reliability:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6713898.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6713898.pdf)

**Bore Hole Information**

Bore Hole ID:	10523030	Elevation:	425.772125
DP2BR:	31	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	572873.3
Code OB Desc:	Bedrock	North83:	4846310
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/2/2001	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:	932854654
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	42
Formation End Depth:	80
Formation End Depth UOM:	ft

**Overburden and Bedrock  
Materials Interval**

Formation ID:	932854652
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	31
Formation End Depth UOM:	ft

**Overburden and Bedrock  
Materials Interval**

Formation ID:	932854653
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		31			
<b>Formation End Depth:</b>		42			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933224751			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		35			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966713898			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11071600			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930778349			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930778350			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>			996713898		
<b>Pump Set At:</b>					
<b>Static Level:</b>		6			
<b>Final Level After Pumping:</b>		34			
<b>Recommended Pump Depth:</b>		50			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		3			
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934356203		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>		15			
<b>Test Level:</b>		11			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			935134633		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>		60			
<b>Test Level:</b>		6			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934612975		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>		30			
<b>Test Level:</b>		6			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			934873580		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>		45			
<b>Test Level:</b>		6			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>			934015481		
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		76			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">14</a>	1 of 1	NNW/42.6	398.5 / -28.53	5570 8TH LINE lot 17 con 8 ERIN ON	WWIS

<b>Well ID:</b>	7156326	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	12/10/2010
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Abandoned-Other	<b>Abandonment Rec:</b>	Yes
<b>Water Type:</b>		<b>Contractor:</b>	7407
<b>Casing Material:</b>		<b>Form Version:</b>	3
<b>Audit No:</b>	Z50895	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	5570 8TH LINE
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	017
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/715\7156326.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156326.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	1003435735	<b>Elevation:</b>	401.068756
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	573195
<b>Code OB Desc:</b>		<b>North83:</b>	4846817
<b>Open Hole:</b>		<b>Org CS:</b>	dmi83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	11/29/2010	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Method of Construction & Well Use

<b>Method Construction ID:</b>	1003436666
<b>Method Construction Code:</b>	6
<b>Method Construction:</b>	Boring
<b>Other Method Construction:</b>	

#### Pipe Information

<b>Pipe ID:</b>	1003436657
<b>Casing No:</b>	0
<b>Comment:</b>	
<b>Alt Name:</b>	

#### Construction Record - Casing

<b>Casing ID:</b>	1003436663
<b>Layer:</b>	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material:</b>					
<b>Open Hole or Material:</b>		2 GALVANIZED			
<b>Depth From:</b>		0			
<b>Depth To:</b>		21.2			
<b>Casing Diameter:</b>		36			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
 <b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1003436664			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>					
 <b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1003436658			
<b>Pump Set At:</b>					
<b>Static Level:</b>		18.9			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		m			
<b>Rate UOM:</b>		LPM			
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
 <b><u>Water Details</u></b>					
<b>Water ID:</b>		1003436662			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
 <b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1003436660			
<b>Diameter:</b>		36			
<b>Depth From:</b>		0			
<b>Depth To:</b>		21.2			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

[15](#)

1 of 1

E/49.7

443.0 / 15.95

lot 17 con 8  
ON

WWIS

Well ID: 7221975  
Construction Date:Data Entry Status:  
Data Src:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/16/2014
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7154
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z181424			<b>Owner:</b>	
<b>Tag:</b>	A133138			<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	017
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7221975.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7221975.pdf</a>				

### Bore Hole Information

<b>Bore Hole ID:</b>	1004838280	<b>Elevation:</b>	445.291564
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	573962
<b>Code OB Desc:</b>		<b>North83:</b>	4846201
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	4/29/2014	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	1005194020
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	06
<b>Most Common Material:</b>	SILT
<b>Mat2:</b>	05
<b>Mat2 Desc:</b>	CLAY
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	81
<b>Formation End Depth UOM:</b>	ft

### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	1005194021
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		12			
<b>Mat3 Desc:</b>		STONES			
<b>Formation Top Depth:</b>		81			
<b>Formation End Depth:</b>		200			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005194022			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		200			
<b>Formation End Depth:</b>		214			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005194057			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		202			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005194056			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005194018			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005194026			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		0			
<b>Depth To:</b>		202			
<b>Casing Diameter:</b>		6.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Construction Record - Casing**

**Casing ID:** 1005194027  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:** 202  
**Depth To:** 214  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 1005194028  
**Layer:**  
**Slot:**  
**Screen Top Depth:**  
**Screen End Depth:**  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:**

**Results of Well Yield Testing**

**Pump Test ID:** 1005194019  
**Pump Set At:** 150  
**Static Level:** 130  
**Final Level After Pumping:** 135  
**Recommended Pump Depth:** 150  
**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:** 0  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:**

**Draw Down & Recovery**

**Pump Test Detail ID:** 1005194045  
**Test Type:** Draw Down  
**Test Duration:** 25  
**Test Level:** 134  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 1005194051  
**Test Type:** Draw Down  
**Test Duration:** 50  
**Test Level:** 135  
**Test Level UOM:** ft

**Draw Down & Recovery**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pump Test Detail ID:</b>		1005194050			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		40			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194052			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194039			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		132			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194033			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		3			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194047			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		135			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194042			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194043			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		134			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194044			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		20			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194053			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		135			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194029			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194041			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		132			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194048			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194030			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194037			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		132			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194031			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		2			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194034			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		3			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194054			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194035			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194032			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		2			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194046			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194040			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194036			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194049			
<b>Test Type:</b>		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Duration:</b>		40			
<b>Test Level:</b>		135			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1005194038			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005194025			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		212			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005194023			
<b>Diameter:</b>		8.75			
<b>Depth From:</b>		0			
<b>Depth To:</b>		202			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1005194024			
<b>Diameter:</b>		6			
<b>Depth From:</b>		202			
<b>Depth To:</b>		214			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

[16](#) 1 of 1 **NNW/54.9** **396.9 / -30.20** **WELLINGTON lot 17 con 8** **ERIN ON** **WWIS**

<b>Well ID:</b>	7156327	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	12/10/2010
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	0	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7407
<b>Casing Material:</b>		<b>Form Version:</b>	3
<b>Audit No:</b>	Z50894	<b>Owner:</b>	
<b>Tag:</b>	A095369	<b>Street Name:</b>	WELLINGTON
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	017
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/715\7156327.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156327.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	1003435737	<b>Elevation:</b>	400.561676
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	573194
<b>Code OB Desc:</b>		<b>North83:</b>	4846835
<b>Open Hole:</b>		<b>Org CS:</b>	dmi83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>		<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Method of Construction & Well Use**

<b>Method Construction ID:</b>	1003436676
<b>Method Construction Code:</b>	1
<b>Method Construction:</b>	Cable Tool
<b>Other Method Construction:</b>	

**Pipe Information**

<b>Pipe ID:</b>	1003436668
<b>Casing No:</b>	0
<b>Comment:</b>	
<b>Alt Name:</b>	

**Construction Record - Casing**

<b>Casing ID:</b>	1003436673
<b>Layer:</b>	1
<b>Material:</b>	1
<b>Open Hole or Material:</b>	STEEL
<b>Depth From:</b>	-2
<b>Depth To:</b>	7
<b>Casing Diameter:</b>	5
<b>Casing Diameter UOM:</b>	cm
<b>Casing Depth UOM:</b>	m

**Construction Record - Screen**

<b>Screen ID:</b>	1003436674
<b>Layer:</b>	
<b>Slot:</b>	
<b>Screen Top Depth:</b>	
<b>Screen End Depth:</b>	
<b>Screen Material:</b>	
<b>Screen Depth UOM:</b>	m
<b>Screen Diameter UOM:</b>	cm
<b>Screen Diameter:</b>	

**Water Details**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Water ID:** 1003436672  
**Layer:**  
**Kind Code:**  
**Kind:**  
**Water Found Depth:**  
**Water Found Depth UOM:** m

**Hole Diameter**

**Hole ID:** 1003436670  
**Diameter:** 5  
**Depth From:** 0  
**Depth To:** 7  
**Hole Depth UOM:** m  
**Hole Diameter UOM:** cm

<a href="#">17</a>	1 of 1	WNW/62.1	403.8 / -23.26	lot 17 con 8 ON	WWIS
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**Well ID:** 7288614  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z250142  
**Tag:** A205311  
**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:**  
**Date Received:** 6/20/2017  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 7154  
**Form Version:** 7  
**Owner:**  
**Street Name:**  
**County:** WELLINGTON  
**Municipality:** ERIN TOWNSHIP  
**Site Info:**  
**Lot:** 017  
**Concession:** 08  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**PDF URL (Map):**

**Bore Hole Information**

**Bore Hole ID:** 1006560763  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 5/23/2017  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 406.309875  
**Elevrc:**  
**Zone:** 17  
**East83:** 572886  
**North83:** 4846719  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

**Overburden and Bedrock**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006796112			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		65			
<b>Formation End Depth:</b>		124			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006796110			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		43			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006796111			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		43			
<b>Formation End Depth:</b>		65			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1006796147			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		69			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction ID:</b>		1006796146			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1006796108			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006796116			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		0			
<b>Depth To:</b>		69			
<b>Casing Diameter:</b>		6.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006796117			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		69			
<b>Depth To:</b>		124			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1006796118			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1006796109			
<b>Pump Set At:</b>		80			
<b>Static Level:</b>		18			
<b>Final Level After Pumping:</b>		61			
<b>Recommended Pump Depth:</b>		80			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796135			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796128			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		22			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796137			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796121			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		2			
<b>Test Level:</b>		27			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796129			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		49			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796131			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		59			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796120			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		52			
<b>Test Level UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796141			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796143			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		61			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796136			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		18			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796138			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		18			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796130			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		19			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796119			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796133			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		60			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pump Test Detail ID:</b>		1006796134			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		18			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796125			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796126			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		28			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796122			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		2			
<b>Test Level:</b>		43			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796132			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		18			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796124			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		3			
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796144			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		18			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006796123			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		3			
<b>Test Level:</b>		32			

<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>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>	1006796139				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	61				
<i>Test Level UOM:</i>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>	1006796140				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	18				
<i>Test Level UOM:</i>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>	1006796127				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	5				
<i>Test Level:</i>	39				
<i>Test Level UOM:</i>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>	1006796142				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	50				
<i>Test Level:</i>	18				
<i>Test Level UOM:</i>	ft				
<b><u>Water Details</u></b>					
<i>Water ID:</i>	1006796115				
<i>Layer:</i>	1				
<i>Kind Code:</i>	1				
<i>Kind:</i>	FRESH				
<i>Water Found Depth:</i>	18				
<i>Water Found Depth UOM:</i>	ft				
<b><u>Hole Diameter</u></b>					
<i>Hole ID:</i>	1006796114				
<i>Diameter:</i>	6				
<i>Depth From:</i>	69				
<i>Depth To:</i>	124				
<i>Hole Depth UOM:</i>	ft				
<i>Hole Diameter UOM:</i>	inch				
<b><u>Hole Diameter</u></b>					
<i>Hole ID:</i>	1006796113				
<i>Diameter:</i>	8.75				
<i>Depth From:</i>	0				
<i>Depth To:</i>	69				
<i>Hole Depth UOM:</i>	ft				
<i>Hole Diameter UOM:</i>	inch				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<a href="#">18</a>	1 of 1	E/75.5	441.6 / 14.50	lot 15 con 8 ON	WWIS
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<b>Well ID:</b>	6704818	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	10/25/1973
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	4320
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	015
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6704818.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6704818.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10468925	<b>Elevation:</b>	444.059417
<b>DP2BR:</b>	69	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	573987.2
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846191
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	7/17/1973	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932623646
<b>Layer:</b>	3
<b>Color:</b>	3
<b>General Color:</b>	BLUE
<b>Mat1:</b>	18
<b>Most Common Material:</b>	SANDSTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	69
<b>Formation End Depth:</b>	98
<b>Formation End Depth UOM:</b>	ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932623644			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		2			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932623645			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		69			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966704818			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11017495			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930763066			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		72			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Casing ID:</b>		930763067			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		98			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996704818			
<b>Pump Set At:</b>					
<b>Static Level:</b>		27			
<b>Final Level After Pumping:</b>		35			
<b>Recommended Pump Depth:</b>		50			
<b>Pumping Rate:</b>		8			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		6			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		3			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935134761			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		35			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934349574			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		35			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934616582			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		35			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934870423			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		35			
<b>Test Level UOM:</b>		ft			

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

**Water ID:** 933957532  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 98  
**Water Found Depth UOM:** ft

[19](#)      1 of 1      **NNW/78.3**      **395.6 / -31.50**      **lot 17 con 8 ON**      **WWIS**

<b>Well ID:</b>	6711560	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	11/10/1994
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	2663
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>	141439	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	017
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6711560.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6711560.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10475393	<b>Elevation:</b>	396.828063
<b>DP2BR:</b>	29	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	573227.3
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846908
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	9/2/1994	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	gps
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932653157  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 02  
**Most Common Material:** TOPSOIL

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932653159			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		29			
<b>Formation End Depth:</b>		103			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932653158			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		12			
<b>Mat3 Desc:</b>		STONES			
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		29			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966711560			
<b>Method Construction Code:</b>		4			
<b>Method Construction:</b>		Rotary (Air)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11023963			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930774327			
<b>Layer:</b>		1			
<b>Material:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		29			
<b>Casing Diameter:</b>		8			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930774328			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		103			
<b>Casing Diameter:</b>		8			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996711560			
<b>Pump Set At:</b>					
<b>Static Level:</b>		7			
<b>Final Level After Pumping:</b>		40			
<b>Recommended Pump Depth:</b>		40			
<b>Pumping Rate:</b>		40			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		40			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934875094			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		7			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934349340			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		7			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935136076			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		7			
<b>Test Level UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934614071			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		7			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933965568			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		50			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933965571			
<b>Layer:</b>		4			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		103			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933965569			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		60			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933965570			
<b>Layer:</b>		3			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		78			
<b>Water Found Depth UOM:</b>		ft			

<b><u>20</u></b>	<b>1 of 2</b>	<b>ENE/80.7</b>	<b>419.6 / -7.45</b>	<b>Derrydale Golf Course Ltd. 5525 Eighth Line, R.R.2 Erin Ontario ERIN ON</b>	<b>PTTW</b>
<b>EBR Registry No:</b>	IA06E1418			<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	3587-6VKQ64			<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision			<b>Section:</b>	
<b>Notice Stage:</b>				<b>Act 1:</b>	
<b>Notice Date:</b>	February 23, 2007			<b>Act 2:</b>	
<b>Proposal Date:</b>	November 15, 2006			<b>Site Location Map:</b>	
<b>Year:</b>	2006				
<b>Instrument Type:</b>	(OWRA s. 34) - Permit to Take Water				
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>	Derrydale Golf Course Ltd.				
<b>Site Address:</b>					
<b>Location Other:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Proponent Name:</b> <b>Proponent Address:</b> 185 Derry Road West, Mississauga Ontario, L5M 2B5 <b>Comment Period:</b> <b>URL:</b>					
<b>Site Location Details:</b> 5525 Eighth Line, R.R.2 Erin Ontario ERIN					
<a href="#">20</a>	2 of 2	ENE/80.7	419.6 / -7.45	5525 8th Line Erin ON N0B 1T0	EHS
<b>Order No:</b> 20191022175 <b>Status:</b> C <b>Report Type:</b> Standard Report <b>Report Date:</b> 25-OCT-19 <b>Date Received:</b> 22-OCT-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Aerial Photos		<b>Nearest Intersection:</b> <b>Municipality:</b> ERIN <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -80.084211 <b>Y:</b> 43.768061			
<a href="#">21</a>	1 of 1	WNW/85.9	415.6 / -11.52	9465 17TH SO.RO. lot 17 con 8 ERIN ON	WWIS
<b>Well ID:</b> 7101400 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> Z79473 <b>Tag:</b> A056198 <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 1/30/2008 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 2663 <b>Form Version:</b> 4 <b>Owner:</b> <b>Street Name:</b> 9465 17TH SO.RO. <b>County:</b> WELLINGTON <b>Municipality:</b> ERIN TOWNSHIP <b>Site Info:</b> <b>Lot:</b> 017 <b>Concession:</b> 08 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
<b>PDF URL (Map):</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 1001483101 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> Yes <b>Cluster Kind:</b> <b>Date Completed:</b> 1/4/2008 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b>		<b>Elevation:</b> 416.444122 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 572720 <b>North83:</b> 4846501 <b>Org CS:</b> UTM83 <b>UTMRC:</b> 3 <b>UTMRC Desc:</b> margin of error : 10 - 30 m <b>Location Method:</b> wwr			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001538559			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		71			
<b>Mat3 Desc:</b>		FRACTURED			
<b>Formation Top Depth:</b>		74			
<b>Formation End Depth:</b>		94			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001538557			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		18			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001538561			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		95			
<b>Formation End Depth:</b>		120			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001538562			
<b>Layer:</b>		6			
<b>Color:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		65			
<b>Mat3 Desc:</b>		DARK-COLOURED			
<b>Formation Top Depth:</b>		120			
<b>Formation End Depth:</b>		144			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001538560			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		94			
<b>Formation End Depth:</b>		95			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001538558			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		12			
<b>Mat3 Desc:</b>		STONES			
<b>Formation Top Depth:</b>		18			
<b>Formation End Depth:</b>		74			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1001538564			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		6.09			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		1001538592			
<b>Method Construction Code:</b>		4			
<b>Method Construction:</b>		Rotary (Air)			
<b>Other Method Construction:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1001538555			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1001538566			
<b>Layer:</b>					
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		74			
<b>Casing Diameter:</b>		15.67			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1001538567			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1001538556			
<b>Pump Set At:</b>		120			
<b>Static Level:</b>		44.6			
<b>Final Level After Pumping:</b>		48			
<b>Recommended Pump Depth:</b>		120			
<b>Pumping Rate:</b>		15			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		4			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538575			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		62.1			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538581			
<b>Test Type:</b>		Recovery			

<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>Test Duration:</i>		15			
<i>Test Level:</i>		48.8			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538572			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		62.9			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538569			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		69.2			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538574			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		65.7			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538578			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		76.7			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538568			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		45			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538580			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		73			
<i>Test Level UOM:</i>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i>		1001538590			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		76			
<i>Test Level UOM:</i>		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538584		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			30		
<b>Test Level:</b>			71.4		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538571		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			2		
<b>Test Level:</b>			67.5		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538579		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			10		
<b>Test Level:</b>			49		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538588		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			50		
<b>Test Level:</b>			75		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538587		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			40		
<b>Test Level:</b>			46.2		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538585		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			30		
<b>Test Level:</b>			48.1		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538583		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			25		
<b>Test Level:</b>			48.1		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1001538576		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		71.1			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538582			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		48.5			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538570			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		2			
<b>Test Level:</b>		57.5			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538573			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		3			
<b>Test Level:</b>		65.9			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538577			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		51.8			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538586			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		40			
<b>Test Level:</b>		74.5			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001538589			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		44.6			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1001538565			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		43.89			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<b><u>Hole Diameter</u></b>					
Hole ID:	1001538563				
Diameter:	25.4				
Depth From:					
Depth To:	43.89				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				

<a href="#">22</a>	1 of 1	ENE/86.6	422.0 / -5.07	ON	WWIS
<b>Well ID:</b>	6700766		<b>Data Entry Status:</b>		
<b>Construction Date:</b>			<b>Data Src:</b> 1		
<b>Primary Water Use:</b>	Commerical		<b>Date Received:</b> 5/27/1963		
<b>Sec. Water Use:</b>	0		<b>Selected Flag:</b> Yes		
<b>Final Well Status:</b>	Water Supply		<b>Abandonment Rec:</b>		
<b>Water Type:</b>			<b>Contractor:</b> 3316		
<b>Casing Material:</b>			<b>Form Version:</b> 1		
<b>Audit No:</b>			<b>Owner:</b>		
<b>Tag:</b>			<b>Street Name:</b>		
<b>Construction Method:</b>			<b>County:</b> WELLINGTON		
<b>Elevation (m):</b>			<b>Municipality:</b> ERIN VILLAGE		
<b>Elevation Reliability:</b>			<b>Site Info:</b>		
<b>Depth to Bedrock:</b>			<b>Lot:</b>		
<b>Well Depth:</b>			<b>Concession:</b>		
<b>Overburden/Bedrock:</b>			<b>Concession Name:</b>		
<b>Pump Rate:</b>			<b>Easting NAD83:</b>		
<b>Static Water Level:</b>			<b>Northing NAD83:</b>		
<b>Flowing (Y/N):</b>			<b>Zone:</b>		
<b>Flow Rate:</b>			<b>UTM Reliability:</b>		
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6700766.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700766.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10464912	<b>Elevation:</b>	423.960052
<b>DP2BR:</b>	138	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	573727.3
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846509
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	4/25/1963	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932606004
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		138			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932606005			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		138			
<b>Formation End Depth:</b>		218			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966700766			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11013482			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930755592			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		142			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930755593			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		218			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		996700766			
Pump Set At:					
Static Level:		53			
Final Level After Pumping:		55			
Recommended Pump Depth:		90			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		12			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<b><u>Water Details</u></b>					
Water ID:		933952901			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		217			
Water Found Depth UOM:		ft			

<u>23</u>	1 of 2	E/87.4	435.9 / 8.80	Enbridge Gas Distribution Inc. 13 Delerin Cres Erin ON	SPL
Ref No:	0338-BD9PJ9			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	6/18/2019			Health/Env Conseq:	2 - Minor Environment Corporation
Year:				Client Type:	Miscellaneous Communal
Incident Cause:				Sector Type:	
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	METHANE GAS, COMPRESSED (NATURAL GAS)			Site Address:	13 Delerin Cres
Contaminant Limit 1:				Site District Office:	Guelph
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1971			Site Region:	West Central
Environment Impact:				Site Municipality:	Erin
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	6/18/2019			Site Map Datum:	
Dt Document Closed:	6/22/2019			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components
Incident Reason:	Operator/Human Error			Source Type:	
Site Name:	spill<UNOFFICIAL>				
Site County/District:	County of Wellington				
Site Geo Ref Meth:					
Incident Summary:	tssa 1/2" pl IP 13 Delerin made safe				
Contaminant Qty:	1 number (count)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">23</a>	2 of 2	E/87.4	435.9 / 8.80	ENBRIDGE GAS INC 13 DELERIN CRES,,ERIN,ON,N0B 1T0,CA ON	PINC
<b>Incident ID:</b> <b>Incident No:</b> 2611860 <b>Incident Reported Dt:</b> 6/18/2019 <b>Type:</b> FS-Pipeline Incident <b>Status Code:</b> <b>Customer Acct Name:</b> ENBRIDGE GAS INC <b>Incident Address:</b> 13 DELERIN CRES,,ERIN,ON,N0B 1T0,CA <b>Tank Status:</b> Pipeline Damage Reason Est <b>Task No:</b> <b>Spills Action Centre:</b> <b>Fuel Type:</b> <b>Fuel Occurrence Tp:</b> <b>Date of Occurrence:</b> <b>Occurrence Start Dt:</b> <b>Operation Type:</b> <b>Pipeline Type:</b> <b>Regulator Type:</b> <b>Summary:</b> <b>Reported By:</b> <b>Affiliation:</b> <b>Occurrence Desc:</b> <b>Damage Reason:</b> <b>Notes:</b>		<b>Fuel Category:</b> <b>Health Impact:</b> <b>Environment Impact:</b> <b>Property Damage:</b> <b>Service Interrupt:</b> <b>Enforce Policy:</b> <b>Public Relation:</b> <b>Pipeline System:</b> <b>Depth:</b> <b>Pipe Material:</b> <b>PSIG:</b> <b>Attribute Category:</b> <b>Regulator Location:</b> <b>Method Details:</b>			

<a href="#">24</a>	1 of 1	WNW/88.4	408.5 / -18.57	lot 17 con 8 ON	WWIS
<b>Well ID:</b> 6706595 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 1/5/1978 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 3317 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> WELLINGTON <b>Municipality:</b> ERIN TOWNSHIP <b>Site Info:</b> <b>Lot:</b> 017 <b>Concession:</b> 08 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			

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**Bore Hole Information**

<b>Bore Hole ID:</b>	10470671	<b>Elevation:</b>	412.098632
<b>DP2BR:</b>	70	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	572814.2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4846623
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	8/4/1977			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

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

**Formation ID:** 932631613  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 70  
**Formation End Depth:** 116  
**Formation End Depth UOM:** ft

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

**Formation ID:** 932631612  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 70  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 966706595  
**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11019241  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing ID:</b> 930765878					
<b>Layer:</b> 2					
<b>Material:</b> 4					
<b>Open Hole or Material:</b> OPEN HOLE					
<b>Depth From:</b>					
<b>Depth To:</b> 116					
<b>Casing Diameter:</b> 5					
<b>Casing Diameter UOM:</b> inch					
<b>Casing Depth UOM:</b> ft					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b> 930765877					
<b>Layer:</b> 1					
<b>Material:</b> 1					
<b>Open Hole or Material:</b> STEEL					
<b>Depth From:</b>					
<b>Depth To:</b> 82					
<b>Casing Diameter:</b> 5					
<b>Casing Diameter UOM:</b> inch					
<b>Casing Depth UOM:</b> ft					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b> 996706595					
<b>Pump Set At:</b>					
<b>Static Level:</b> 22					
<b>Final Level After Pumping:</b> 30					
<b>Recommended Pump Depth:</b> 60					
<b>Pumping Rate:</b> 9					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b> 9					
<b>Levels UOM:</b> ft					
<b>Rate UOM:</b> GPM					
<b>Water State After Test Code:</b> 1					
<b>Water State After Test:</b> CLEAR					
<b>Pumping Test Method:</b> 1					
<b>Pumping Duration HR:</b> 3					
<b>Pumping Duration MIN:</b> 0					
<b>Flowing:</b> No					
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b> 935130443					
<b>Test Type:</b> Draw Down					
<b>Test Duration:</b> 60					
<b>Test Level:</b> 30					
<b>Test Level UOM:</b> ft					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933959570					
<b>Layer:</b> 1					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 105					
<b>Water Found Depth UOM:</b> ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Well ID:</b>	7110312			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	8/25/2008
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	2663
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z83937			<b>Owner:</b>	
<b>Tag:</b>	A056242			<b>Street Name:</b>	17TH SIDE RD. BOX 9467
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	004
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/711\7110312.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7110312.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	1001754966	<b>Elevation:</b>	415.3367
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	572737
<b>Code OB Desc:</b>		<b>North83:</b>	4846553
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	7/30/2008	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	1001832106
<b>Layer:</b>	7
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	95
<b>Formation End Depth:</b>	115
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	1001832101
<b>Layer:</b>	2

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		74			
<b>Mat3 Desc:</b>		LAYERED			
<b>Formation Top Depth:</b>		32			
<b>Formation End Depth:</b>		37			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001832103			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		55			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001832107			
<b>Layer:</b>		8			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>					
<b>Most Common Material:</b>					
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		115			
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1001832105			
<b>Layer:</b>		6			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		71			
<b>Mat3 Desc:</b>		FRACTURED			
<b>Formation Top Depth:</b>		79			
<b>Formation End Depth:</b>		95			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1001832104			
<b>Layer:</b>		5			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		75			
<b>Formation End Depth:</b>		79			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1001832100			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>		11			
<b>Mat3 Desc:</b>		GRAVEL			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		32			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1001832102			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>		28			
<b>Mat2 Desc:</b>		SAND			
<b>Mat3:</b>		05			
<b>Mat3 Desc:</b>		CLAY			
<b>Formation Top Depth:</b>		37			
<b>Formation End Depth:</b>		55			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1001832110			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction ID:</b>		1001832135			
<b>Method Construction Code:</b>		4			
<b>Method Construction:</b>		Rotary (Air)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1001832098			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1001832112			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		-2			
<b>Depth To:</b>		80			
<b>Casing Diameter:</b>		6.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1001832113			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		80			
<b>Depth To:</b>		115			
<b>Casing Diameter:</b>		6.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1001832114			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>					
<b>Screen Diameter UOM:</b>					
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1001832099			
<b>Pump Set At:</b>		100			
<b>Static Level:</b>		45.3			
<b>Final Level After Pumping:</b>		47.9			
<b>Recommended Pump Depth:</b>		80			
<b>Pumping Rate:</b>		20			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		20			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		0			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832123			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		47.4			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832116			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		46.4			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832115			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		1			
<b>Test Level:</b>		46.6			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832127			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		47.6			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832125			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		47.6			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832126			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		45.2			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832132			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		47.9			

<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>Test Level UOM:</i>		ft			
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832119				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	3				
<i>Test Level:</i>	47.3				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832131				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	47.9				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832120				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	3				
<i>Test Level:</i>	46.2				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832130				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	30				
<i>Test Level:</i>	47.8				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832118				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	2				
<i>Test Level:</i>	46.2				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832121				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	4				
<i>Test Level:</i>	47.4				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1001832117				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	2				
<i>Test Level:</i>	46.8				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Pump Test Detail ID:</b>		1001832128			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		47.7			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832124			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		5			
<b>Test Level:</b>		45.7			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832133			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		47.9			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832122			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		4			
<b>Test Level:</b>		45.9			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1001832129			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		25			
<b>Test Level:</b>		47.8			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1001832111			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		115			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1001832109			
<b>Diameter:</b>		6.25			
<b>Depth From:</b>		20			
<b>Depth To:</b>		115			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1001832108			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Diameter:		10			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[26](#) 1 of 1 NW/144.9 399.1 / -28.00 5588 8TH LINE lot 18 con 8 ERIN ON WWIS

<b>Well ID:</b>	7268298	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	8/10/2016
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Other Status	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7407
<b>Casing Material:</b>		<b>Form Version:</b>	7
<b>Audit No:</b>	Z216896	<b>Owner:</b>	
<b>Tag:</b>	A161195	<b>Street Name:</b>	5588 8TH LINE
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	018
<b>Well Depth:</b>		<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/726\7268298.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7268298.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	1006195831	<b>Elevation:</b>	399.423156
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	572758
<b>Code OB Desc:</b>		<b>North83:</b>	4846874
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	5/16/2016	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	gis
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Annular Space/Abandonment Sealing Record

<b>Plug ID:</b>	1006196744
<b>Layer:</b>	1
<b>Plug From:</b>	
<b>Plug To:</b>	
<b>Plug Depth UOM:</b>	ft

#### Method of Construction & Well Use

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Method Construction ID:</b>		1006196743			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1006196736			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006196740			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		-1.5			
<b>Depth To:</b>		6			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1006196741			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1006196739			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1006196738			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<a href="#">27</a>	1 of 1	W/155.7	416.7 / -10.36	9457 SIDE RD 17 lot 17 con 8 ON	WWIS
<b>Well ID:</b>		7266478		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 7/18/2016	
<b>Sec. Water Use:</b>				<b>Selected Flag:</b> Yes	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	2576
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z227731			<b>Owner:</b>	
<b>Tag:</b>	A202051			<b>Street Name:</b>	9457 SIDE RD 17
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	017
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/726\7266478.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7266478.pdf)

### Bore Hole Information

<b>Bore Hole ID:</b>	1006142075	<b>Elevation:</b>	417.235839
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	572625
<b>Code OB Desc:</b>		<b>North83:</b>	4846409
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	6/13/2016	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	1006149163
<b>Layer:</b>	5
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	76
<b>Formation End Depth:</b>	96
<b>Formation End Depth UOM:</b>	ft

### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	1006149159
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	28
<b>Most Common Material:</b>	SAND

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		16			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006149160			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		16			
<b>Formation End Depth:</b>		54			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006149161			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		54			
<b>Formation End Depth:</b>		60			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1006149162			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		60			
<b>Formation End Depth:</b>		76			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Plug ID:</b>		1006149189			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1006149188			
<b>Method Construction Code:</b>		B			
<b>Method Construction:</b>		Other Method			
<b>Other Method Construction:</b>		AIR, DR			
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1006149157			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006149168			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		-3			
<b>Depth To:</b>		77			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1006149169			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		77			
<b>Depth To:</b>		96			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1006149170			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1006149158			
<b>Pump Set At:</b>		25			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Static Level:</b>	4				
<b>Final Level After Pumping:</b>	9				
<b>Recommended Pump Depth:</b>	45				
<b>Pumping Rate:</b>	6				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>	10				
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	0				
<b>Pumping Duration HR:</b>	1				
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>	No				
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	1006149171				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	5				
<b>Test Level:</b>	6.5				
<b>Test Level UOM:</b>	ft				
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	1006149186				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	60				
<b>Test Level:</b>	4.1				
<b>Test Level UOM:</b>	ft				
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	1006149176				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	20				
<b>Test Level:</b>	5.3				
<b>Test Level UOM:</b>	ft				
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	1006149174				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	15				
<b>Test Level:</b>	5.6				
<b>Test Level UOM:</b>	ft				
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	1006149175				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	20				
<b>Test Level:</b>	7.8				
<b>Test Level UOM:</b>	ft				
 <b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	1006149178				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	25				
<b>Test Level:</b>	5.1				

<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>Test Level UOM:</i>		ft			
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149180				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	30				
<i>Test Level:</i>	4.8				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149177				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	25				
<i>Test Level:</i>	8.4				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149184				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	50				
<i>Test Level:</i>	4.3				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149179				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	30				
<i>Test Level:</i>	8.7				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149172				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	10				
<i>Test Level:</i>	6				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149182				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	4.5				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1006149185				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	9				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down &amp; Recovery</i></u>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pump Test Detail ID:</b>		1006149183			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		50			
<b>Test Level:</b>		9			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006149173			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		7			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1006149181			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		40			
<b>Test Level:</b>		8.9			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1006149166			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		80			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1006149167			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		91			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1006149164			
<b>Diameter:</b>		8			
<b>Depth From:</b>		0			
<b>Depth To:</b>		20			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1006149165			
<b>Diameter:</b>		6			
<b>Depth From:</b>		20			
<b>Depth To:</b>		96			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	1 of 1	E/158.2	439.2 / 12.16	con 9 ON	WWIS

<b>Well ID:</b>	7302829	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	1/8/2018
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7154
<b>Casing Material:</b>		<b>Form Version:</b>	7
<b>Audit No:</b>	Z270833	<b>Owner:</b>	
<b>Tag:</b>	A219404	<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>		<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	09
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	CON
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

PDF URL (Map):

#### Bore Hole Information

<b>Bore Hole ID:</b>	1006952723	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	574038
<b>Code OB Desc:</b>		<b>North83:</b>	4846297
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	11/14/2017	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	1007076910
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	06
<b>Mat2 Desc:</b>	SILT
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	34
<b>Formation End Depth:</b>	127
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock Materials Interval

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1007076909			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		34			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1007076911			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		127			
<b>Formation End Depth:</b>		190			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1007076912			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		190			
<b>Formation End Depth:</b>		222			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1007076939			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		192			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007076938			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction Code:</b>	2				
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	1007076907				
<b>Casing No:</b>	0				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	1007076916				
<b>Layer:</b>	1				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>	0				
<b>Depth To:</b>	192				
<b>Casing Diameter:</b>	6.24				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	1007076917				
<b>Layer:</b>	2				
<b>Material:</b>	4				
<b>Open Hole or Material:</b>	OPEN HOLE				
<b>Depth From:</b>	192				
<b>Depth To:</b>	222				
<b>Casing Diameter:</b>	6				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>	1007076918				
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>	ft				
<b>Screen Diameter UOM:</b>	inch				
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	1007076908				
<b>Pump Set At:</b>	150				
<b>Static Level:</b>	112				
<b>Final Level After Pumping:</b>	138				
<b>Recommended Pump Depth:</b>	150				
<b>Pumping Rate:</b>	10				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>	10				
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	0				

<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>Pumping Duration HR:</i> <i>Pumping Duration MIN:</i> <i>Flowing:</i>	1				
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076934	Recovery	50	112
			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076919	Draw Down	5	124
			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076929	Draw Down	30	138
			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076932	Recovery	40	112
			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076928	Recovery	25	112
			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076920	Recovery	5	117
			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<i>Pump Test Detail ID:</i> <i>Test Type:</i> <i>Test Duration:</i> <i>Test Level:</i> <i>Test Level UOM:</i>		1007076923	Draw Down	15	134
			ft		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076930		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			30		
<b>Test Level:</b>			112		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076931		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			40		
<b>Test Level:</b>			138		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076935		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			60		
<b>Test Level:</b>			138		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076927		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			25		
<b>Test Level:</b>			138		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076924		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			15		
<b>Test Level:</b>			112		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076925		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			20		
<b>Test Level:</b>			136		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076933		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			50		
<b>Test Level:</b>			138		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1007076936		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		112			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1007076926			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		20			
<b>Test Level:</b>		112			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1007076922			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		113			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1007076921			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		10			
<b>Test Level:</b>		130			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007076915			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		217			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007076914			
<b>Diameter:</b>		6			
<b>Depth From:</b>		192			
<b>Depth To:</b>		222			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007076913			
<b>Diameter:</b>		8.75			
<b>Depth From:</b>		0			
<b>Depth To:</b>		192			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

<a href="#">29</a>	1 of 1	ESE/215.7	417.4 / -9.64	lot 15 con 8 ON	WWIS
<b>Well ID:</b>		6710324		<b>Data Entry Status:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/28/1990
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3317
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	57343			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	WELLINGTON
<b>Elevation (m):</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	015
<b>Well Depth:</b>				<b>Concession:</b>	08
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6710324.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6710324.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	10474169	<b>Elevation:</b>	415.928771
<b>DP2BR:</b>	95	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	574051.2
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4846026
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	3
<b>Date Completed:</b>	1/8/1990	<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>		<b>Location Method:</b>	gps
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932647367
<b>Layer:</b>	3
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	17
<b>Most Common Material:</b>	SHALE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	95
<b>Formation End Depth:</b>	101
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932647366
<b>Layer:</b>	2
<b>Color:</b>	2

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		70			
<b>Formation End Depth:</b>		95			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932647365			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		70			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932647368			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		101			
<b>Formation End Depth:</b>		143			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966710324			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11022739			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Casing ID:</b>		930772098			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		106			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930772099			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		143			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996710324			
<b>Pump Set At:</b>					
<b>Static Level:</b>		30			
<b>Final Level After Pumping:</b>		36			
<b>Recommended Pump Depth:</b>		90			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934619494			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935132185			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934871769			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934345495			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		36			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933963928			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		120			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933963929			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		135			
<b>Water Found Depth UOM:</b>		ft			
<a href="#">30</a>	1 of 1	NNW/244.0	399.9 / -27.20	lot 18 con 9 ON	WWIS
<b>Well ID:</b>		6712434			
<b>Construction Date:</b>				<b>Data Entry Status:</b>	
<b>Primary Water Use:</b>		Domestic		<b>Data Src:</b>	1
<b>Sec. Water Use:</b>				<b>Date Received:</b>	1/5/1998
<b>Final Well Status:</b>		Water Supply		<b>Selected Flag:</b>	Yes
<b>Water Type:</b>				<b>Abandonment Rec:</b>	
<b>Casing Material:</b>				<b>Contractor:</b>	3317
<b>Audit No:</b>		181348		<b>Form Version:</b>	1
<b>Tag:</b>				<b>Owner:</b>	
<b>Construction Method:</b>				<b>Street Name:</b>	
<b>Elevation (m):</b>				<b>County:</b>	WELLINGTON
<b>Elevation Reliability:</b>				<b>Municipality:</b>	ERIN TOWNSHIP
<b>Depth to Bedrock:</b>				<b>Site Info:</b>	
<b>Well Depth:</b>				<b>Lot:</b>	018
<b>Overburden/Bedrock:</b>				<b>Concession:</b>	09
<b>Pump Rate:</b>				<b>Concession Name:</b>	CON
<b>Static Water Level:</b>				<b>Easting NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Northing NAD83:</b>	
<b>Flow Rate:</b>				<b>Zone:</b>	
<b>Clear/Cloudy:</b>				<b>UTM Reliability:</b>	
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712434.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712434.pdf</a>			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10476267		<b>Elevation:</b>	400.224548
<b>DP2BR:</b>		42		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>		r		<b>East83:</b>	573056.3
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b>	4847130

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 9/24/1997 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>				<b>Org CS:</b> <b>UTMRC:</b> 3 <b>UTMRC Desc:</b> margin of error : 10 - 30 m <b>Location Method:</b> gps	
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932657129			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		01			
<b>Most Common Material:</b>		FILL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		3			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932657132			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		42			
<b>Formation End Depth:</b>		79			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932657131			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		13			
<b>Mat2 Desc:</b>		BOULDERS			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		25			
<b>Formation End Depth:</b>		42			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932657130			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		3			
<b>Formation End Depth:</b>		25			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932657133			
<b>Layer:</b>		5			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		79			
<b>Formation End Depth:</b>		125			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966712434			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11024837			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930775906			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		125			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Casing ID:</b>		930775905			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		45			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996712434			
<b>Pump Set At:</b>					
<b>Static Level:</b>		0			
<b>Final Level After Pumping:</b>		5			
<b>Recommended Pump Depth:</b>		35			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>					
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934616793			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		5			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934352205			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		5			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935138855			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		5			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934869045			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		5			
<b>Test Level UOM:</b>		ft			

<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>
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**Water Details**

**Water ID:** 933966793  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 124  
**Water Found Depth UOM:** ft

# Unplottable Summary

Total: 4 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	ERIN VILLAGE	SIDEROAD #17, FROM WELL #7-8	ERIN VILL. ON	
GEN	ERIN AUTO RECYCLERS	1/2 LOT 18, CONC. 9	ERIN ON	N0B 1T0
PTTW	Corporation of the Village of Erin	East half of Lot 16, Concession 9, Village of Erin Erin	ON	
SPL	PRIVATE OWNER	8 TH LINE OF ERIN, GREEN EMERGENCY # 5552. STORAGE TANK/BARREL	ERIN TOWN ON	

# Unplottable Report

**Site:** ERIN VILLAGE  
SIDEROAD #17, FROM WELL #7-8 ERIN VILL. ON

**Database:**  
CA

**Certificate #:** 7-0749-94-  
**Application Year:** 94  
**Issue Date:** 8/4/1994  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

**Site:** ERIN AUTO RECYCLERS  
1/2 LOT 18, CONC. 9 ERIN ON N0B 1T0

**Database:**  
GEN

**Generator No:** ON2482400  
**Status:**  
**Approval Years:** 2015  
**Contam. Facility:** No  
**MHSW Facility:** No  
**SIC Code:** 418110  
**SIC Description:** RECYCLABLE METAL WHOLESALER-DISTRIBUTORS

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:** CO\_OFFICIAL  
**Co Admin:** ELAYNE MCSKIMMING  
**Phone No Admin:** 519-833-9775 Ext.

## Detail(s)

**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS

**Waste Class:** 221  
**Waste Class Desc:** LIGHT FUELS

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Site:** Corporation of the Village of Erin  
East half of Lot 16, Concession 9, Village of Erin Erin ON

**Database:**  
PTTW

**EBR Registry No:** IA6E0802  
**Ministry Ref No:** W960062  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** August 16, 2001  
**Proposal Date:** May 16, 1996  
**Year:** 1996  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Corporation of the Village of Erin  
**Site Address:**  
**Location Other:**  
**Proponent Name:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Proponent Address:** Box 149, 109 Main Street, Erin Ontario, N0B 1T0  
**Comment Period:**  
**URL:**

**Site Location Details:**

East half of Lot 16, Concession 9, Village of Erin Erin

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**Site:** PRIVATE OWNER  
8 TH LINE OF ERIN, GREEN EMERGENCY # 5552. STORAGE TANK/BARREL ERIN TOWN ON

**Database:**  
SPL

<b>Ref No:</b>	160873	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	10/7/1998	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER CAUSE (N.O.S.)	<b>Sector Type:</b>	
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE	<b>Site Municipality:</b>	75405
<b>Nature of Impact:</b>	Soil contamination	<b>Site Lot:</b>	
<b>Receiving Medium:</b>	AL	<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>		<b>Easting:</b>	FD & WORKS
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/7/1998	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	INTENTIONAL/PLANNED	<b>Source Type:</b>	
<b>Site Name:</b>			
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	PRIVATE OWNER-DARK SMOKE & RUNOFF FROM FIRE INVOL-VING HAZARDOUS MAT'L, FD.		
<b>Contaminant Qty:</b>			

# 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 2020**

## **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-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

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

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

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

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

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

**Government Publication Date: 1999-Dec 31, 2020**

## **Borehole:**

Provincial [BORE](#)

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

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

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

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

**Dry Cleaning Facilities:**

Federal CDRY

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

**Government Publication Date: Jan 2004-Dec 2018**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Chemical Manufacturers and Distributors:**

Private CHEM

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

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

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

**Government Publication Date: 1999-Dec 31, 2020**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 -Dec 2020**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

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

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

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

**Government Publication Date: 1989-Nov 2020**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994-Mar 31, 2021**

**Drill Hole Database:**

Provincial

DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2020****Delisted Fuel Tanks:**

Provincial

DTNK

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

**Government Publication Date: Jul 31, 2020****Environmental Activity and Sector Registry:**

Provincial

EASR

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

**Government Publication Date: Oct 2011-Apr 30, 2021****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-Mar 31, 2021****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- Apr 30, 2021****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, 2021****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**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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, 2020**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Federal Convictions:**

Federal **FCON**

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

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

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

**Government Publication Date: Jun 2000-Jan 2021**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

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

**Government Publication Date: 1964-Sep 2019**

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

Federal **FRST**

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

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**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-Jan 31, 2021**

**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 2018**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

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

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

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

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

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

**Government Publication Date: Jul 31, 2020**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

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

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

[MINE](#)

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

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial [MNR](#)

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

**Government Publication Date: 1846-Dec 2020**

**National Analysis of Trends in Emergencies System (NATES):**

Federal [NATE](#)

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

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2018**

**National Defense & Canadian Forces Fuel Tanks:**

Federal [NDFT](#)

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

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal [NDSP](#)

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

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal [NDWD](#)

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

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal [NEBI](#)

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

**Government Publication Date: 2008-Dec 31, 2020**

**National Energy Board Wells:**

Federal [NEBP](#)

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

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

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

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

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

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

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

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGWE

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

**Government Publication Date: 1988-Feb 28, 2021**

**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-Jun 2020**

**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-Mar 31, 2021**

**Canadian Pulp and Paper:**

Private

PAP

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

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

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial PES

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

**Government Publication Date: Oct 2011-Mar 31, 2021**

**Pipeline Incidents:**

Provincial PINC

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

**Government Publication Date: Oct 31, 2020**

**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-Mar 31, 2021**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

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

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

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

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2021**

**Retail Fuel Storage Tanks:**

Private RST

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

**Government Publication Date: 1999-Dec 31, 2020**

**Scott's Manufacturing Directory:**

Private SCT

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

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

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

**Government Publication Date: 1988-Aug 2020**

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

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

**Government Publication Date: 1990-Dec 31, 2018**

**Anderson's Storage Tanks:**

Private [TANK](#)

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

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal [TCFT](#)

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

**Government Publication Date: 1970 - Dec 2020**

**Variations for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

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

**Government Publication Date: Oct 2011-Mar 31, 2021**

**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 30th, 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: Apr 30, 2020**

# 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 H**  
**MECP FOI Search Results**

**Ministry of the Environment,  
Conservation and Parks**

Access and Privacy Office  
12<sup>th</sup> Floor  
40 St. Clair Avenue West  
Toronto ON M4V 1M2  
Tel: (416) 314-4075  
Fax: (416) 314-4285

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

Bureau de l'accès à l'information et  
de la protection de la vie privée  
12<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075  
Télééc.: (416) 314-4285



May 7, 2021

Grace Thompson  
Pinchin Ltd.  
6-875 Main St W, Suite 200  
Hamilton, ON L8S 4R9

Dear Grace Thompson:

RE: ***Freedom of Information and Protection of Privacy Act Request***  
**Our File # A-2020-05676, Your Reference 283584**

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 5520 8th Line, Erin.

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

To conduct a search through the files of the Environmental Assessment and Permissions Branch requires an additional 8 hours. If you would like us to search for Environmental Compliance Approvals/Certificates of Approval at the Environmental Assessment and Permissions Branch (EAPB), please forward to me at the above address payment by money order or cheque (made payable to the "Minister of Finance (FOI)") or by credit card in the amount of \$240.00. Please note that there is no guarantee any records will be located responsive to your request. Credit card forms are available on the Ministry's website <http://www.ontario.ca/environment-and-energy/freedom-information-request-form>.

**When remitting payment please quote our file number or attach a copy of this letter.**

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

If you have any questions regarding this matter, please contact Hira Ashraf at (647) 642-9681.

Yours truly,

Noel Kent  
Manager, Access and Privacy

**APPENDIX I**  
**TSSA Search Results**



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

[www.tssa.org](http://www.tssa.org)

**30 November 2020**

Grace Thompson  
PINCHIN LTD.  
200 6-875 Main Street West  
HAMILTON ON L8S 4P9

**Subject: 5520 8th Line, Erin, Ontario**  
**Your File No.: 283584**  
**SR No.: 2966928**

Dear Madam/Sir:

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

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

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

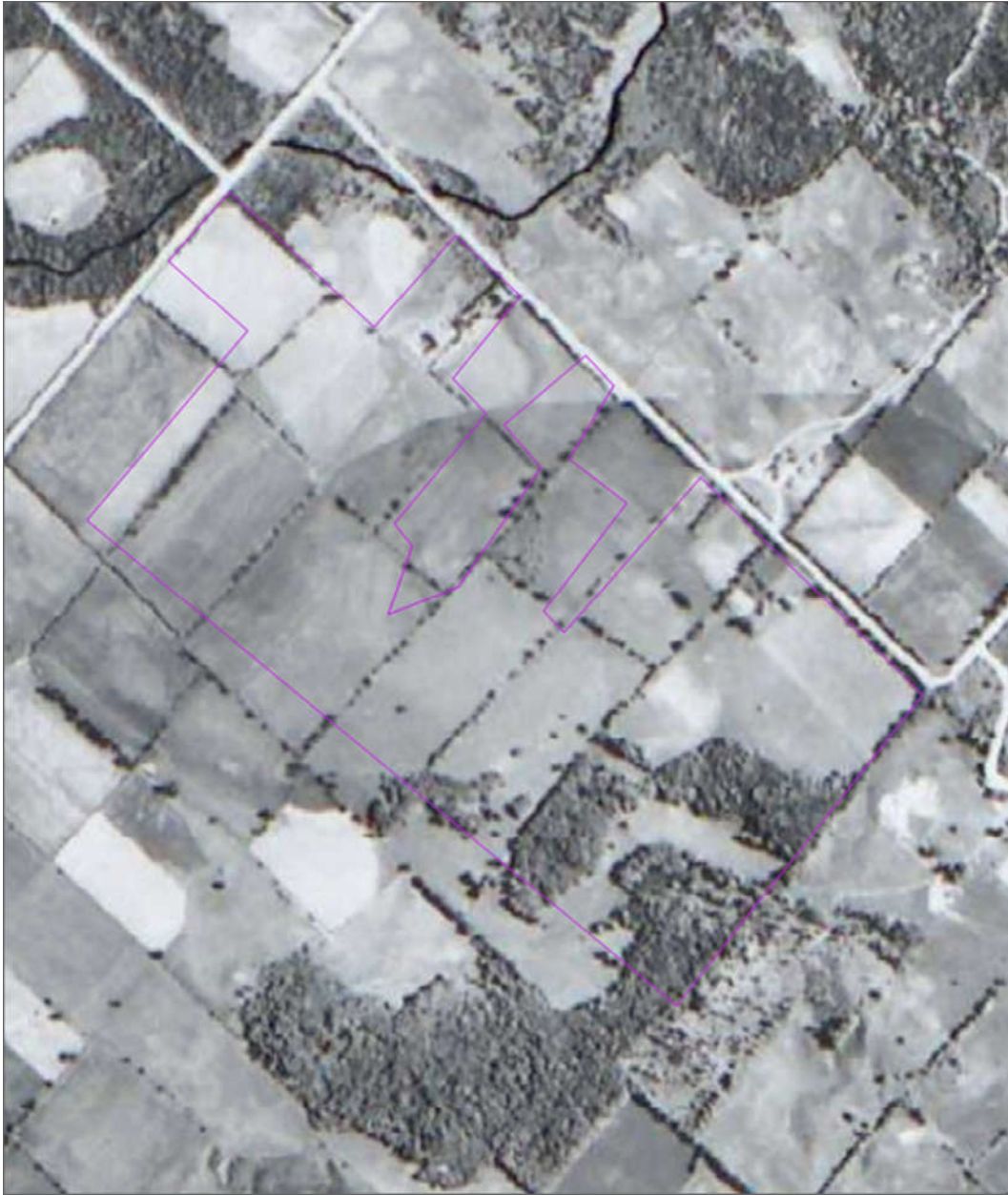
Should you have any questions, please contact Public Information at [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org).

Yours truly,

*Roxana Suarez*

Roxana Suarez-Mashtaler  
Public Information Agent

**APPENDIX J**  
**Aerial Photographs**



Aerial Photograph - 1954



Aerial Photograph – 1969



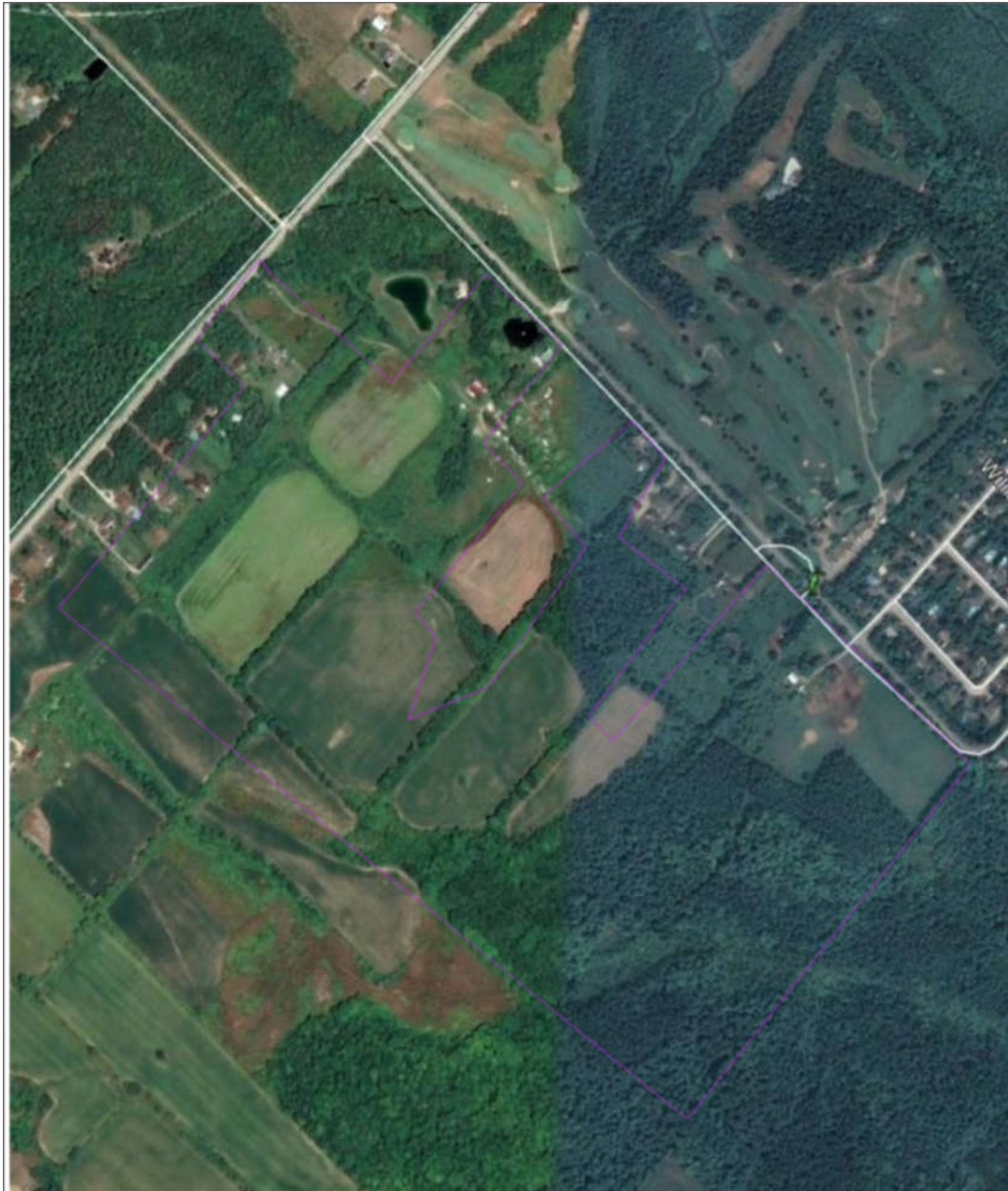
Aerial Photograph – 1976



Aerial Photograph – 1980

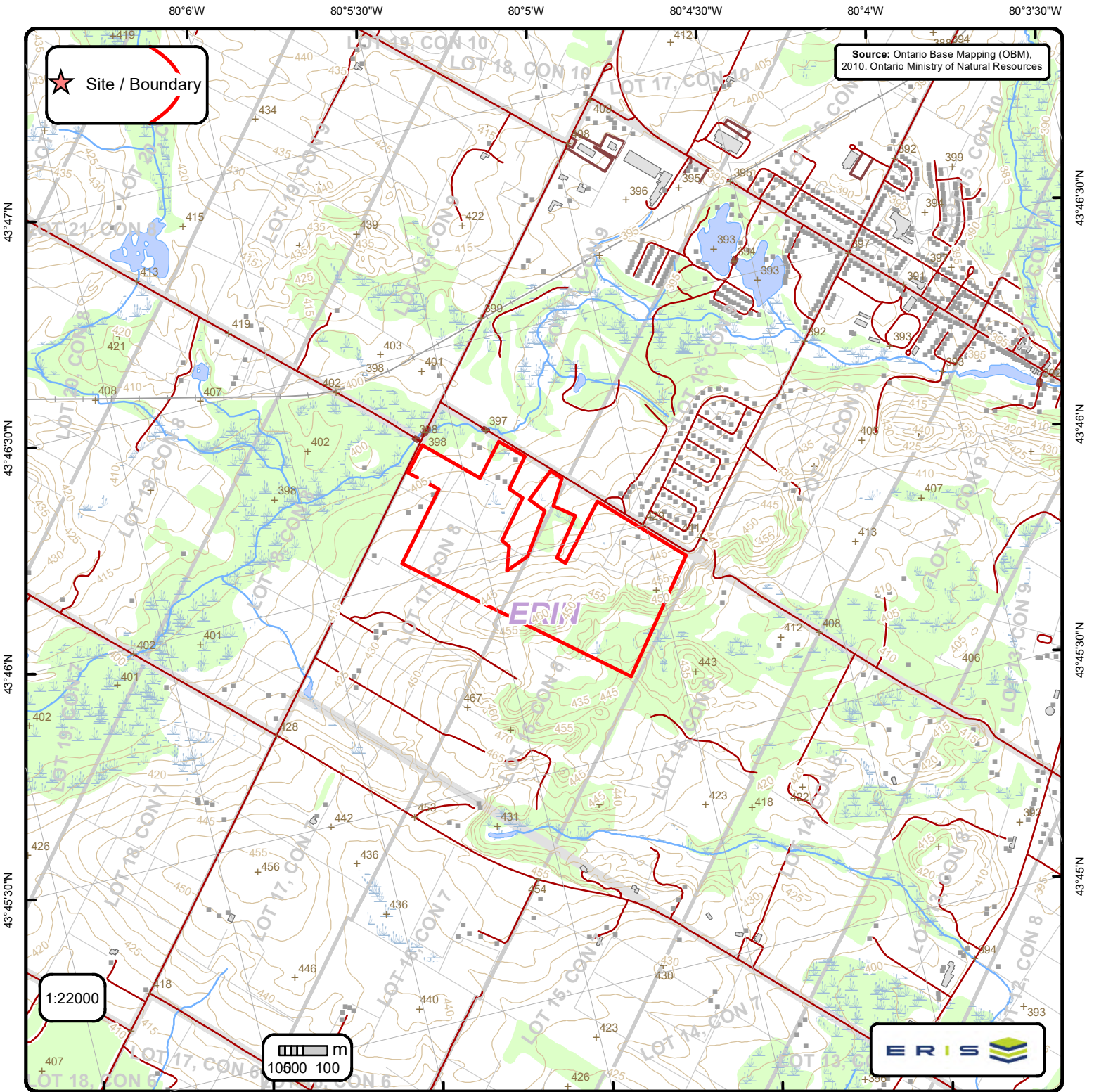


Aerial Photograph – 2015



Aerial Photograph – 2019

**APPENDIX K**  
**Maps**



# Ontario Base Mapping (OBM) Data

Order No. 21050600094

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



## Property Information

Order Number:	21050600094p
Date Completed:	May 11, 2021
Project Number:	283584
Project Property:	283584 5520 and 5552 8th Line Erin ON N0B 1T0
Coordinates:	
Latitude:	43.76626538
Longitude:	-80.08876105
UTM Northing:	4846316.43678 Metres
UTM Easting:	573344.107553 Metres
UTM Zone:	UTM Zone 17T
Elevation:	427.07 m
Slope Direction:	N

Property Information.....	1
Topographic Information.....	2
Hydrologic Information.....	12
Geologic Information.....	13
Soil Information.....	19
Wells and Additional Sources.....	47
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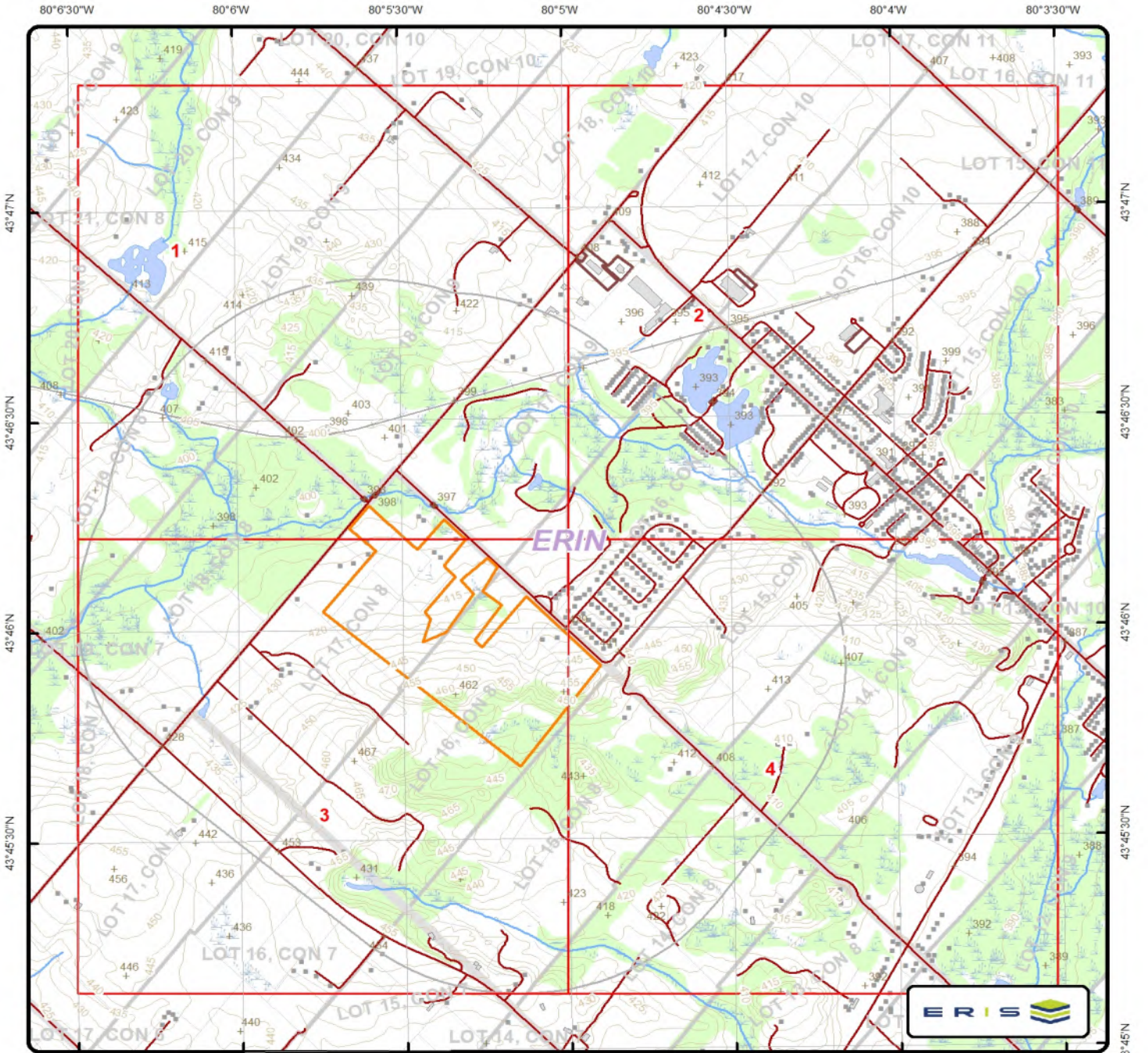
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography as well as hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

### Disclaimer

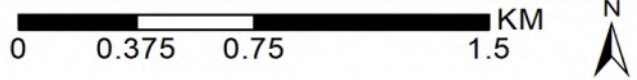
This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

# Topographic Information



## Topographic Map

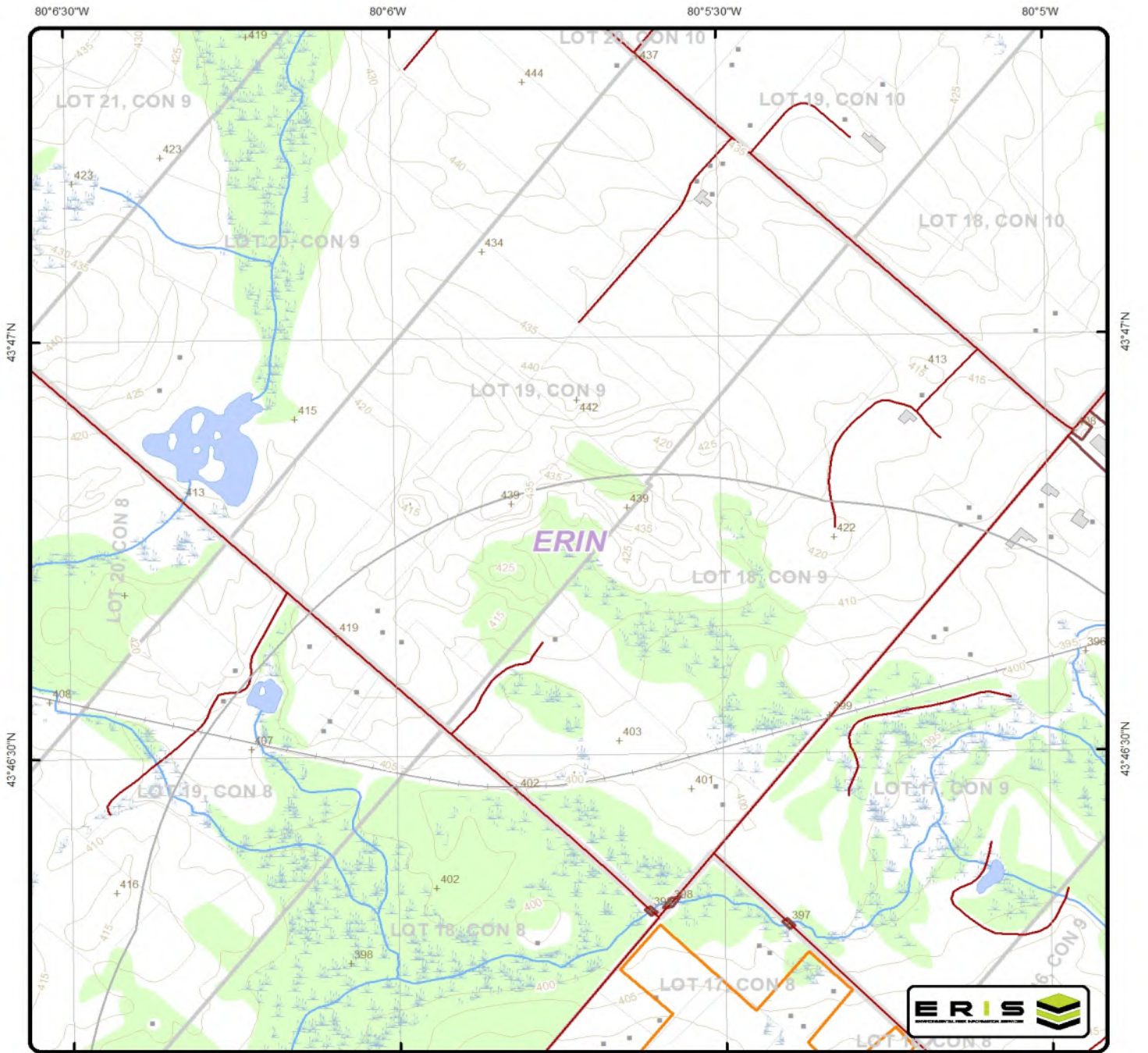
Address: 5520 and 5552 8th Line, Erin, ON



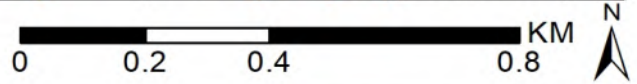
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• Building Point	••• Utility Line	□ Pit or Quarry	■ Conservation Authority
⊙ Towers	— Water Structure	■ Waterbody	■ Conservation Area
• Utility Site Point	— Drainage Line Feature	■ Wetlands	■ Municipal Park
— Misc. Line	— River or Stream	■ Concession	■ Provincial Park
— Railroads	□ Airports	■ Lots	■ National Park
— Roads	■ Tanks	■ Municipality	■ Nature Reserve
- - - Trail	■ Building to Scale	■ Land Ownership	

Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

# Topographic Information



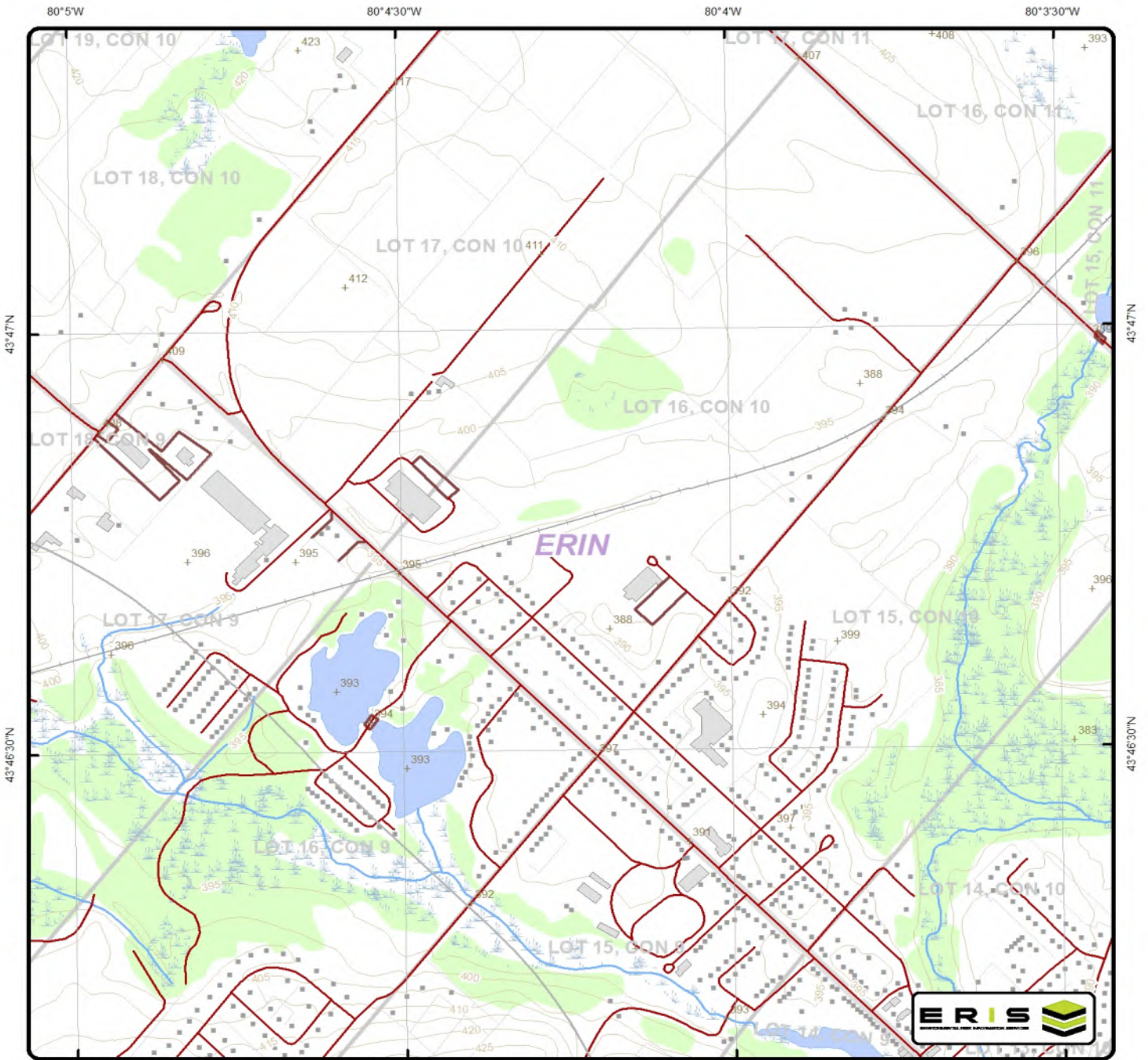
**Topographic Map - Page 1**



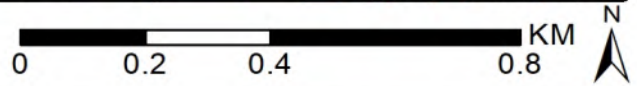
+ Spot Height (metre)	— Transportation Structure	— Contour Line	Wooded Area
• Building Point	— Utility Line	▭ Pit or Quarry	▭ Conservation Authority
⊕ Towers	— Water Structure	▭ Waterbody	▭ Conservation Area
• Utility Site Point	— Drainage Line Feature	▭ Wetlands	▭ Municipal Park
— Misc. Line	— River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

Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

# Topographic Information



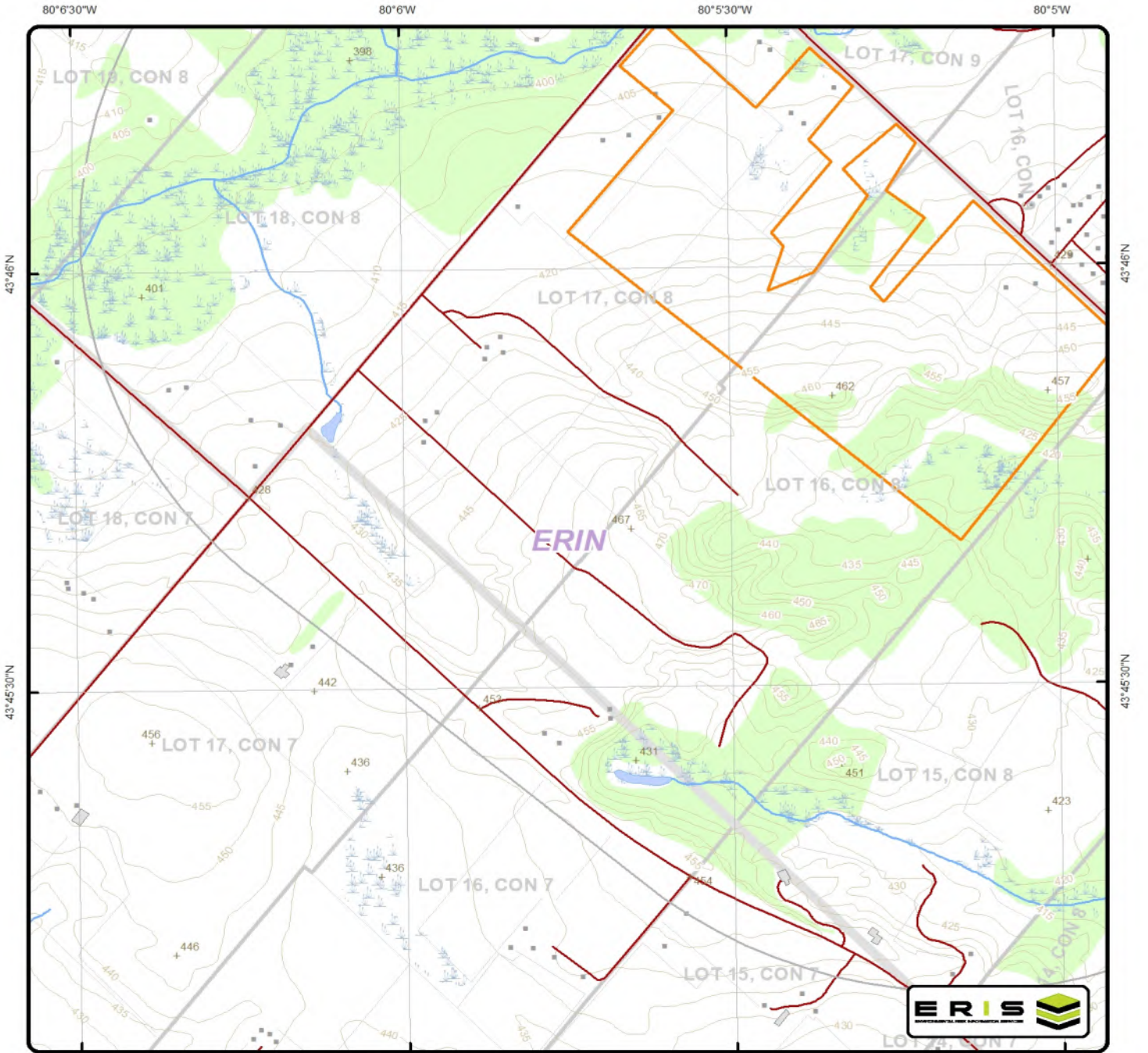
**Topographic Map - Page 2**



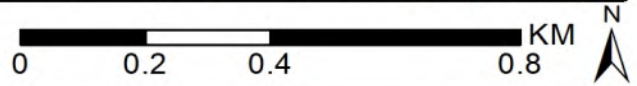
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• Building Point	— Utility Line	▭ Pit or Quarry	▭ Conservation Authority
⊕ Towers	— Water Structure	▭ Waterbody	▭ Conservation Area
• Utility Site Point	— Drainage Line Feature	▭ Wetlands	▭ Municipal Park
— Misc. Line	— River or Stream	▭ Concession	▭ Provincial Park
— Railroads	▭ Airports	▭ Lots	▭ National Park
— Roads	▭ Tanks	▭ Municipality	▭ Nature Reserve
- - - Trail	▭ Building to Scale	▭ Land Ownership	

Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

# Topographic Information



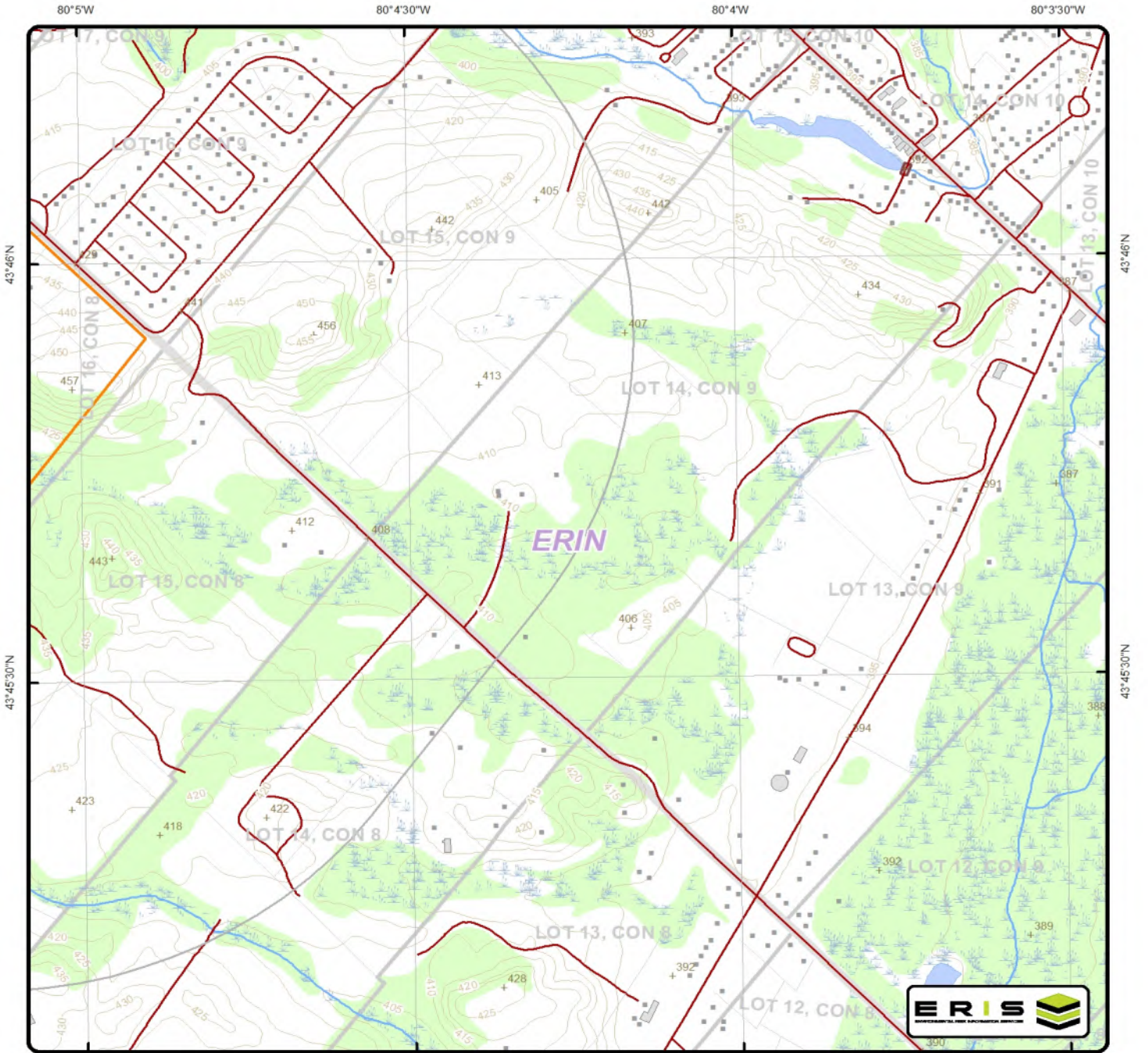
**Topographic Map - Page 3**



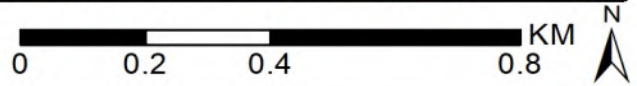
+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	■	Wooded Area
▪	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⊕	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
•	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River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

Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

# Topographic Information



**Topographic Map - Page 4**



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

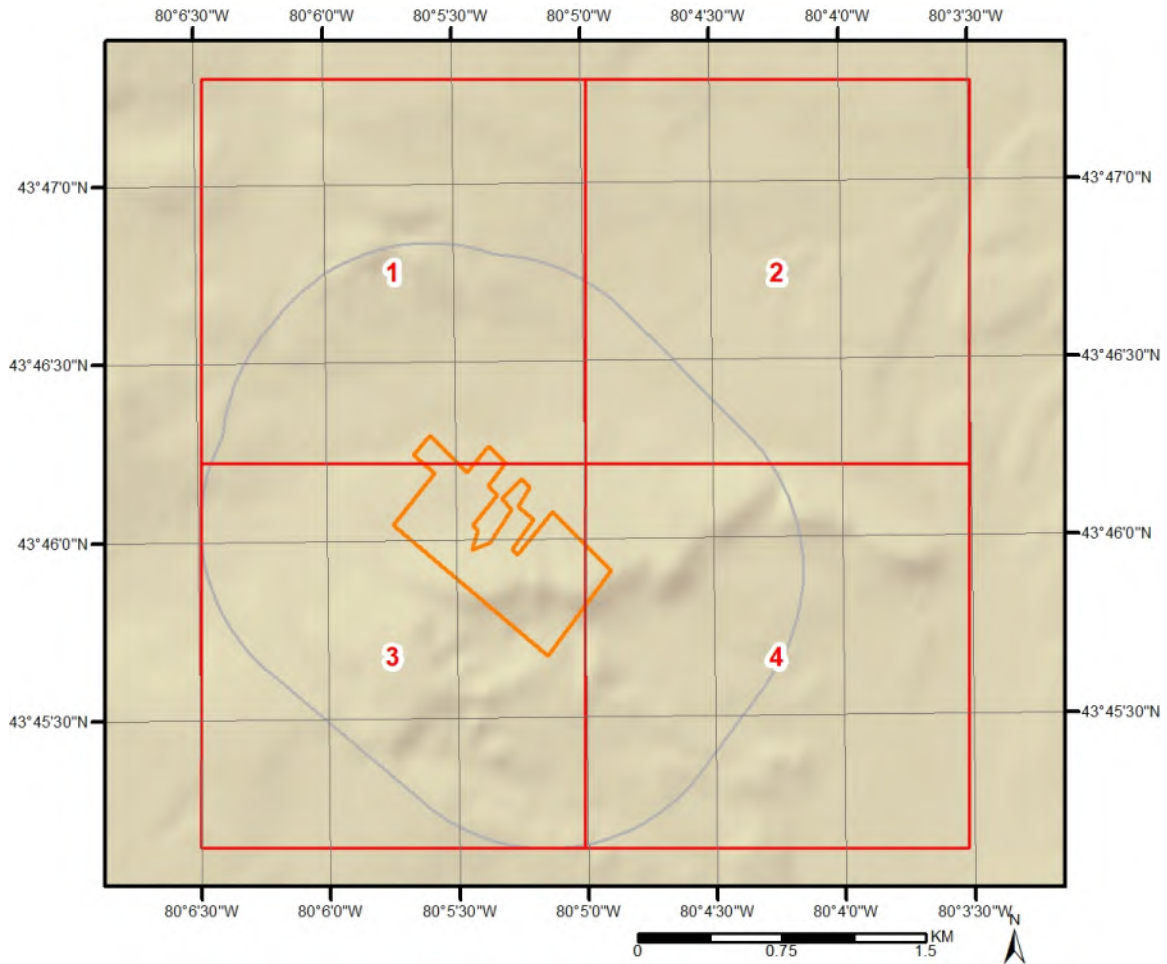
Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

# Topographic Information

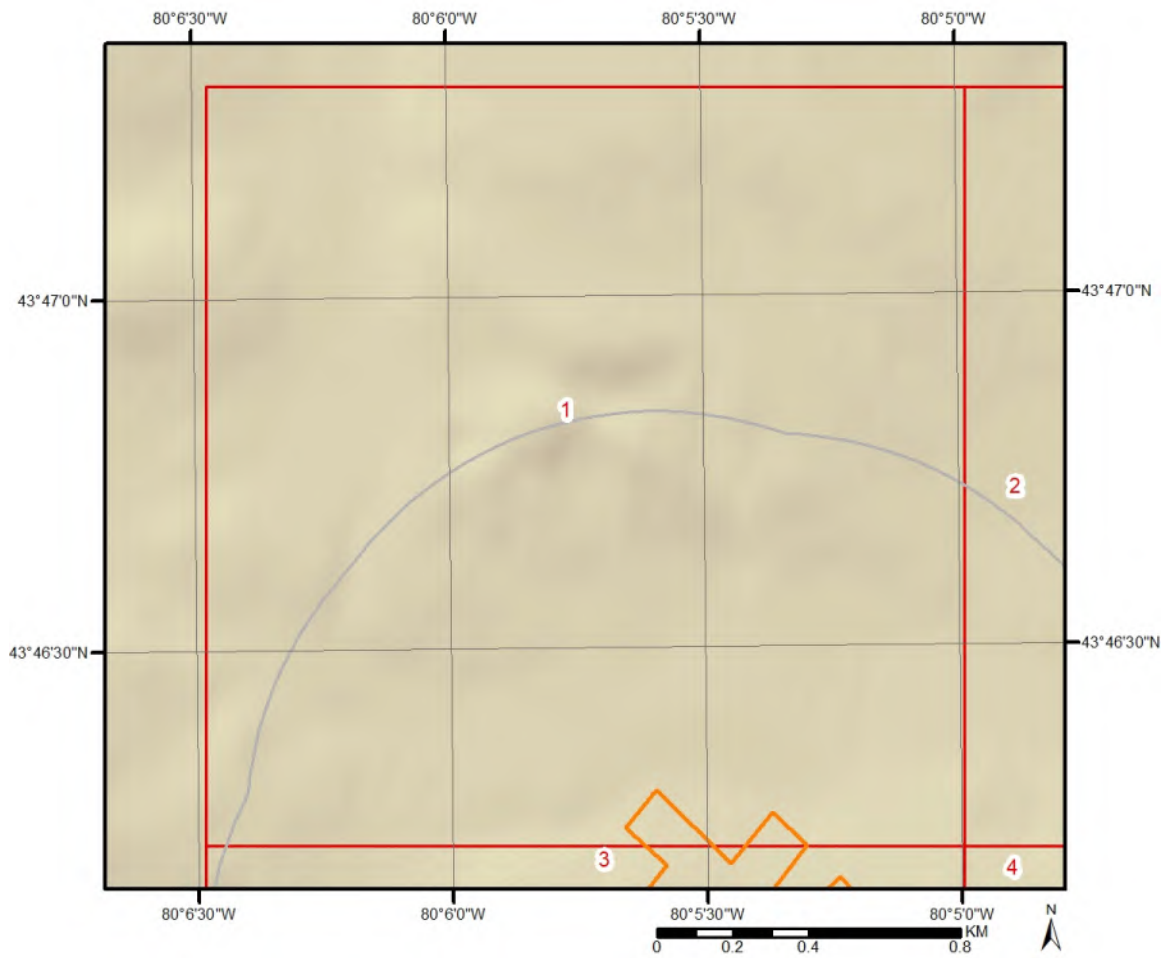
The previous topographic map(s) show general topographic information in the surrounding area of the project property, using Toporama data or a provincial source when available. Below are shaded relief map(s), derived from Digital Elevation data to depict terrain in further detail.

Topographic information at project property:

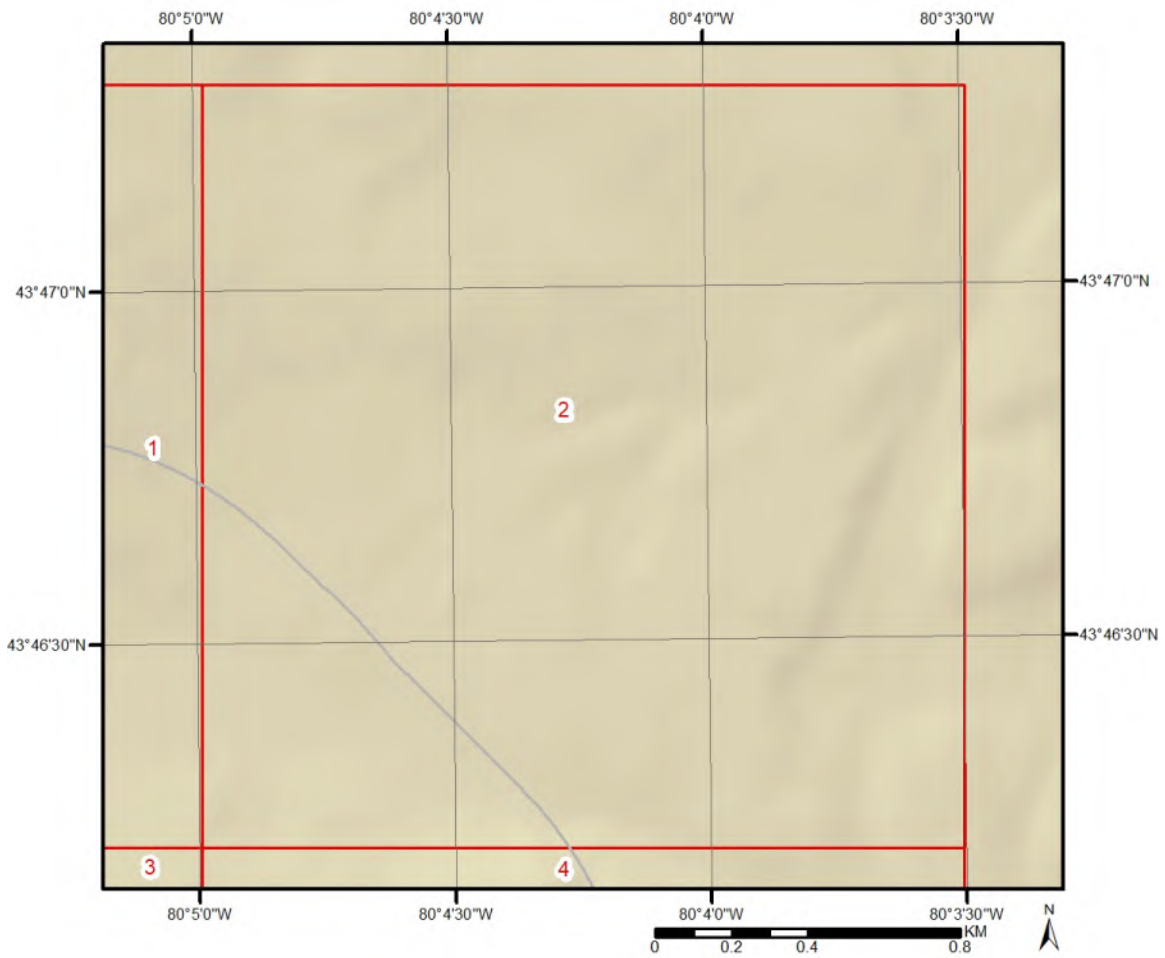
Elevation: 427.07 m  
Slope Direction: N



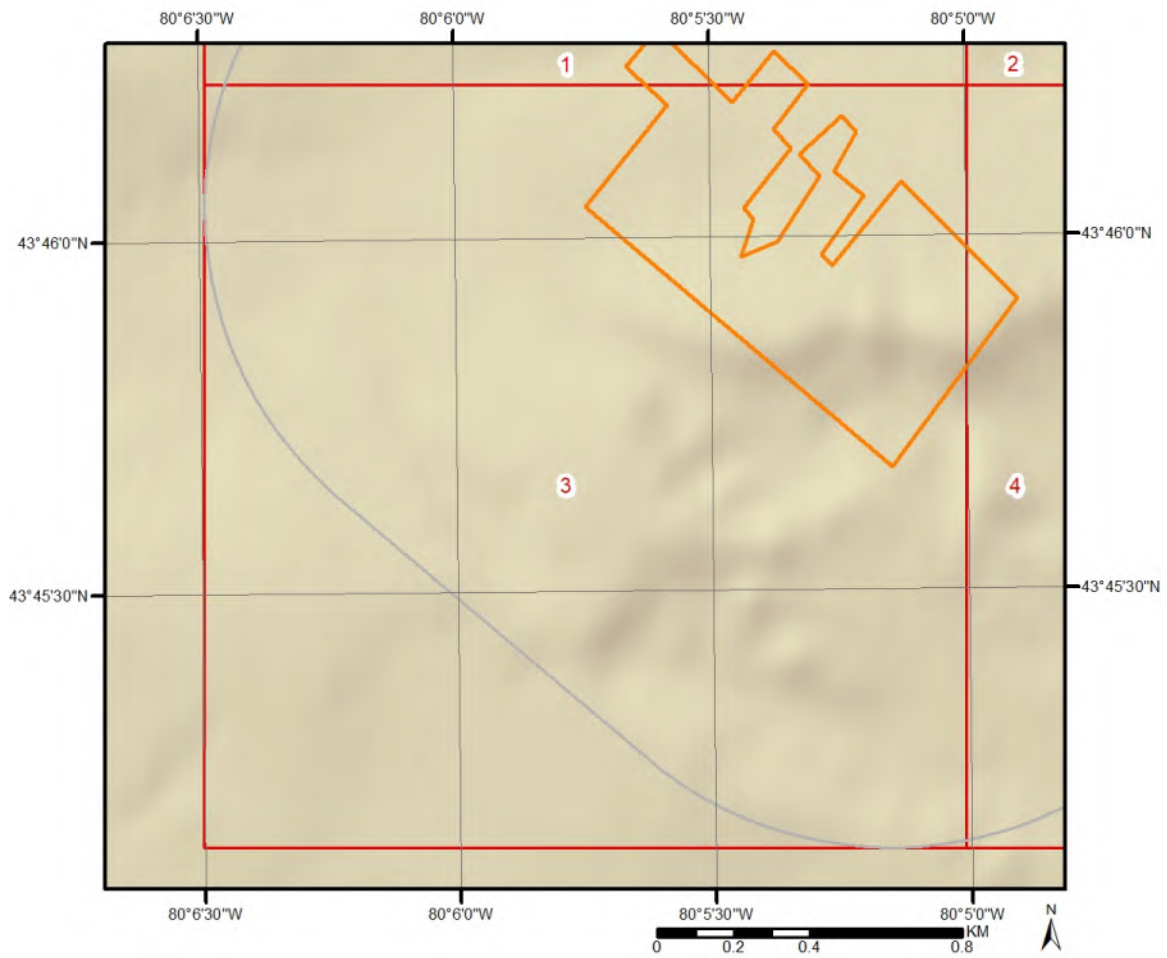
# Topographic Information



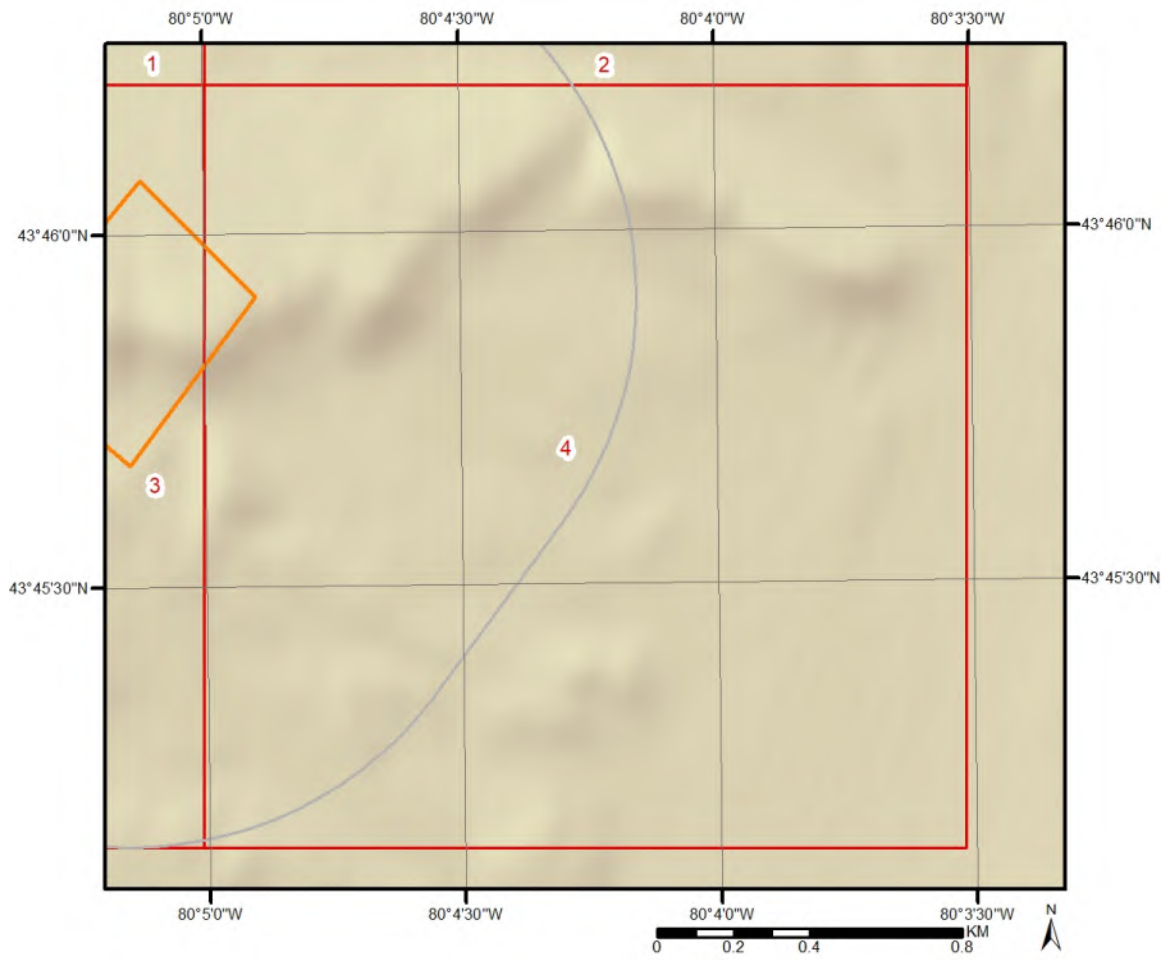
# Topographic Information



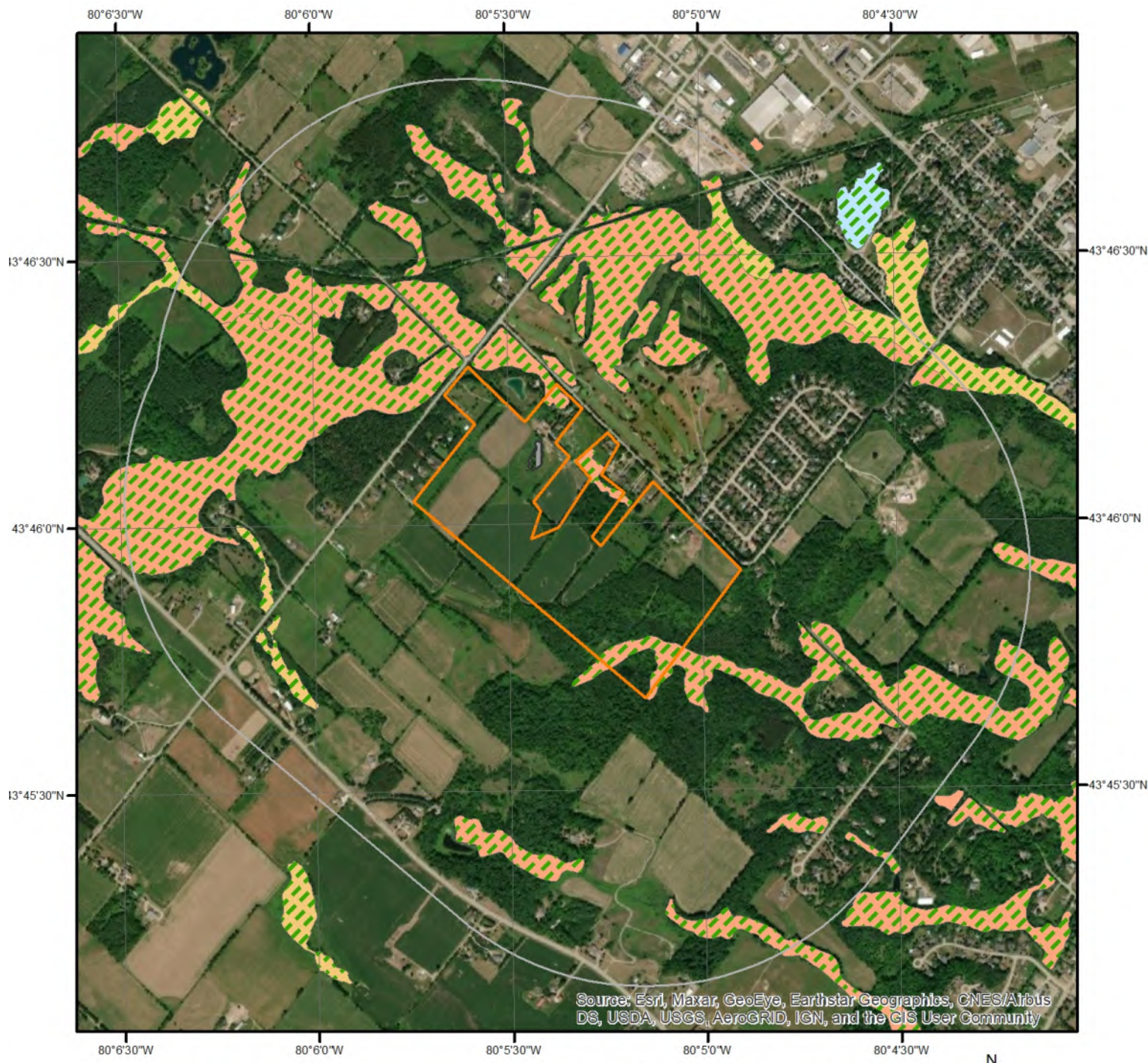
# Topographic Information



# Topographic Information



# Hydrologic Information



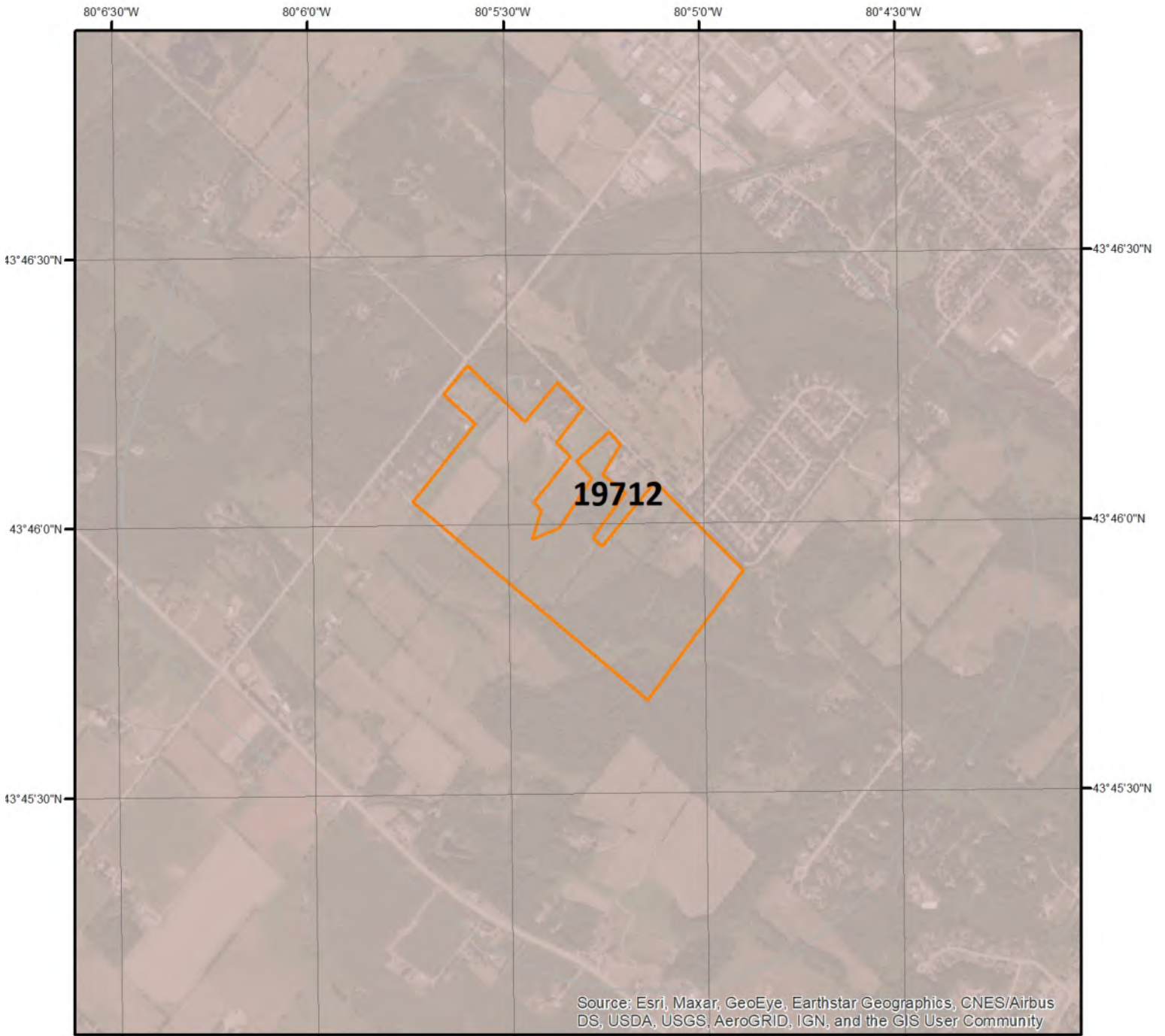
## Wetland

This map shows wetland existence. Data coverage is shown to the right. Gray indicates no data available in the area.

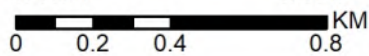
- Evaluated PSW
- Marsh
- Open Water
- Swamp
- Unknown

ERIS

# Geologic Information



## Bedrock Geology



This map shows bedrock geologic units in the area. Please refer to the report for detailed descriptions. Data coverage is shown to the right. Gray indicates no data available in the area.



## Geologic Information

Detailed bedrock geology information about each unit within the search radius is provided below.

---

### Unit ID 19712

Unit Name:

Rock Type:

Sandstone, shale, dolostone, siltstone

Strata:

Armabel Formation

Super Eon:

Eon:

PHANEROZOIC (Present to 542.0 Ma)

Era:

PALEOZOIC (251.0 Ma to 542.0 Ma)

Period:

SILURIAN (416.0 Ma to 443.7 Ma)

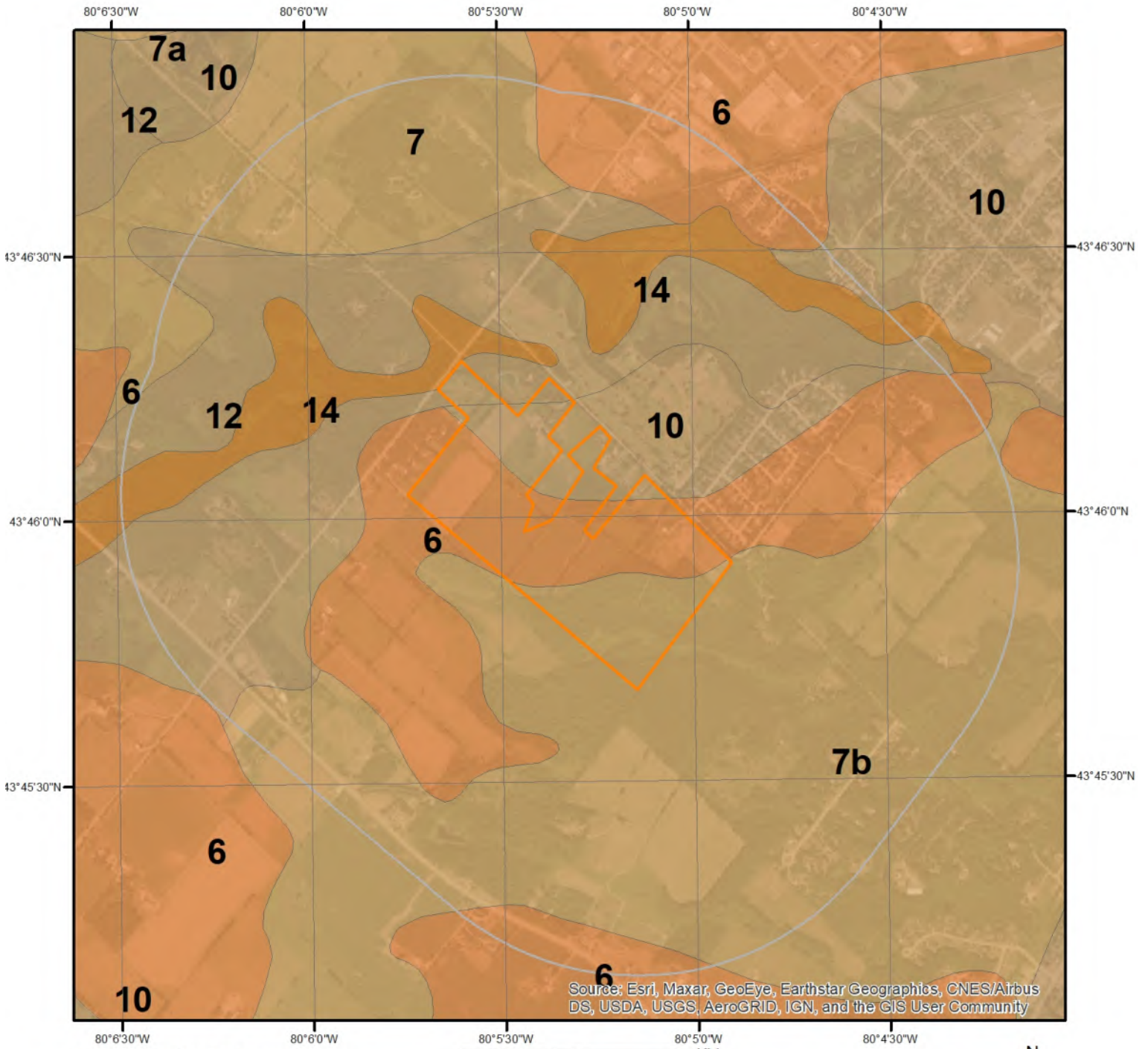
Epoch:

MIDDLE AND LOWER SILURIAN

Province:

Tectonic Zone:

# Geologic Information



## Surficial Geology

This map shows surficial geologic labels in the area. Please refer to the report for detailed descriptions. Data coverage is shown to the right. Gray indicates no data available in the area.



## Geologic Information

Detailed surficial geology information about each unit within the search radius is provided below.

---

### Unit ID 10

Geological Deposit:	Glaciofluvial outwash
Deposit Age:	Late Wisconsinan
Primary Material:	sand, gravel
Secondary Material:	
Primary General:	glaciofluvial
Primary General Modifier:	proglacial outwash
Veneer:	silt, sand
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	High
Material Description:	Gravel and gravelly sand, frequently overlain by several feet of sand or silt

---

### Unit ID 6

Geological Deposit:	Port Stanley till
Deposit Age:	Late Wisconsinan
Primary Material:	diamicton
Secondary Material:	
Primary General:	glacial
Primary General Modifier:	
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	Erie-Ontario
Carbon Content:	high
Formation:	Port Stanley Till
Permeability:	Low-Medium
Material Description:	Sandy silt till

---

### Unit ID 12

Geological Deposit:	Glaciofluvial outwash
Deposit Age:	Late Wisconsinan
Primary Material:	sand
Secondary Material:	gravel
Primary General:	glaciofluvial

## Geologic Information

Primary General Modifier: proglacial outwash  
Veneer:  
Episode: Wisconsin  
Sub Episode: Michigan  
Strata Modifier: Surface  
Provenance:  
Carbon Content:  
Formation:  
Permeability: High  
Material Description: Sand, minor gravel

---

### Unit ID 7

Geological Deposit: Ice-contact stratified drift  
Deposit Age: Late Wisconsinan  
Primary Material: sand, gravel  
Secondary Material: silt, diamicton  
Primary General: glaciofluvial  
Primary General Modifier: ice-contact  
Veneer:  
Episode: Wisconsin  
Sub Episode: Michigan  
Strata Modifier: Surface  
Provenance:  
Carbon Content:  
Formation:  
Permeability: High  
Material Description: Sand and gravel including some till or silt

---

### Unit ID 14

Geological Deposit: Bog deposits  
Deposit Age: Recent  
Primary Material: organic deposits  
Secondary Material:  
Primary General: wetland  
Primary General Modifier:  
Veneer:  
Episode: Hudson  
Sub Episode:  
Strata Modifier: Surface  
Provenance:  
Carbon Content:  
Formation:  
Permeability: High  
Material Description: Peat, muck, marl

---

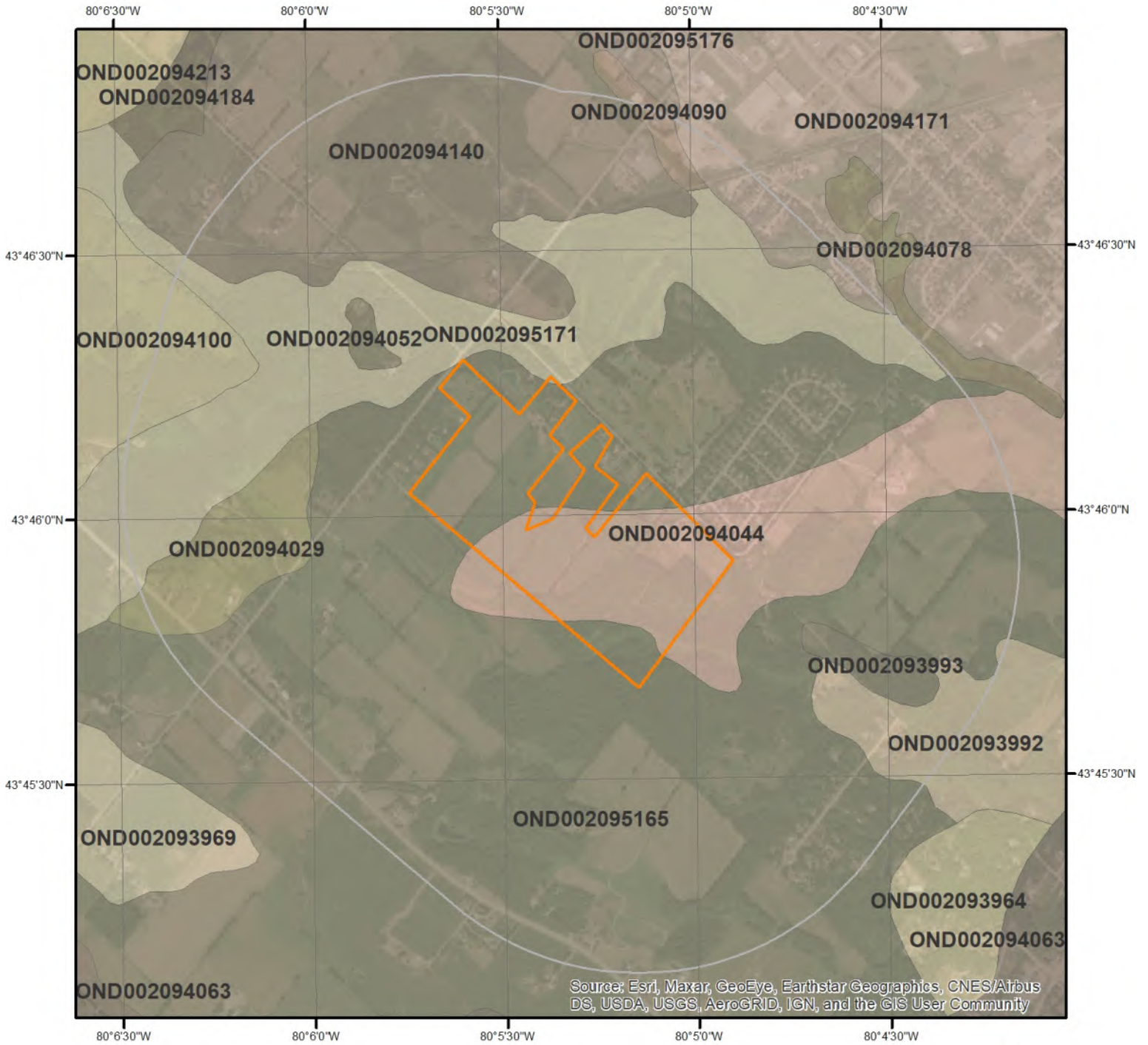
## Geologic Information

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### Unit ID 7b

Geological Deposit:	Ice-contact stratified drift
Deposit Age:	Late Wisconsinan
Primary Material:	sand, gravel
Secondary Material:	silt, diamicton
Primary General:	glaciofluvial
Primary General Modifier:	ice-contact
Veneer:	
Episode:	Wisconsin
Sub Episode:	Michigan
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	High
Material Description:	Sand and gravel including some till or silt; mainly sand

# Soil Information



## Soil Map



This map shows soil units around the target property. Please refer to the report for detailed soil descriptions.



## Soil Information

Detailed soil information about each unit within the search radius is provided below.

### Ontario Detailed Soil Survey (DSS3)

---

**Polygon ID:** OND002094100

#### Component

<b>Component ID:</b>	OND00209410001	<b>Components(%):</b>	60
<b>Soil Name ID:</b>	ONHLG~~~~~A	<b>Slope Steepness(%):</b>	22.5
<b>Component No:</b>	1	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Moderately stony		

#### Component Rating

**Field Crops Capability:** moderately severe limitations on use for crops.  
**First CLI Limitation Subclass:** Low inherent soil Fertility  
**Second CLI Limitation Subclass:** Low inherent Moisture holding capacity  
**Drainage:** Well  
**Soil Texture of A Horizon:**  
**Hydrological Soil Groups:** Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

#### Soil Name

**Soil Name:** HILLSBURGH  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Well drained  
**Water Table Characteristics:** Unspecified period  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Coarse; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Fluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

#### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	16
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	55

## Soil Information

Depth(cm):	0-22	Total Silt(%):	33
pH in Calc Chloride:	7.2	Total Clay(%):	12
Saturated Hydraulic Conductivity(cm/h):	1.951	Organic Carbon(%):	1.6
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	14
Horizon:	Ae	Total Sand(%):	61
Depth(cm):	22-41	Total Silt(%):	26
pH in Calc Chloride:	7.1	Total Clay(%):	13
Saturated Hydraulic Conductivity(cm/h):	1.642	Organic Carbon(%):	0.7
Electrical Conductivity (dS/m):	0		
Layer No:	3	Very Fine Sand(%):	17
Horizon:	Bt	Total Sand(%):	62
Depth(cm):	41-59	Total Silt(%):	27
pH in Calc Chloride:	6.9	Total Clay(%):	11
Saturated Hydraulic Conductivity(cm/h):	1.867	Organic Carbon(%):	0.5
Electrical Conductivity (dS/m):	0		
Layer No:	4	Very Fine Sand(%):	22
Horizon:	BCK	Total Sand(%):	67
Depth(cm):	59-70	Total Silt(%):	25
pH in Calc Chloride:	7.2	Total Clay(%):	8
Saturated Hydraulic Conductivity(cm/h):	2.859	Organic Carbon(%):	0.3
Electrical Conductivity (dS/m):	0		
Layer No:	5	Very Fine Sand(%):	18
Horizon:	Ck	Total Sand(%):	72
Depth(cm):	70-100	Total Silt(%):	22
pH in Calc Chloride:	7.4	Total Clay(%):	6
Saturated Hydraulic Conductivity(cm/h):	3.655	Organic Carbon(%):	0.3
Electrical Conductivity (dS/m):	0		

### Component

Component ID:	OND00209410002	Components(%):	40
Soil Name ID:	ONHLG~~~~~A	Slope Steepness(%):	22.5
Component No:	2	Slope Length(m):	-9
Surface Stoniness Class:	Moderately stony		

# Soil Information

## Component Rating

<b>Field Crops Capability:</b>	Very severe limitations preclude annual cultivation; improvements feasible.
<b>First CLI Limitation Subclass:</b>	Presence of a combination of the Subclasses F and M, or, the presence of a combination of the Subclasses
<b>Second CLI Limitation Subclass:</b>	Presence of adverse Topography
<b>Drainage:</b>	Well
<b>Soil Texture of A Horizon:</b>	
<b>Hydrological Soil Groups:</b>	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

## Soil Name

<b>Soil Name:</b>	HILLSBURGH
<b>Kind of Surface Material:</b>	Mineral
<b>Soil Drainage Class:</b>	Well drained
<b>Water Table Characteristics:</b>	Unspecified period
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Coarse; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Fluvial; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

## Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	16
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	55
<b>Depth(cm):</b>	0-22	<b>Total Silt(%):</b>	33
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.951	<b>Organic Carbon(%):</b>	1.6
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	14
<b>Horizon:</b>	Ae	<b>Total Sand(%):</b>	61
<b>Depth(cm):</b>	22-41	<b>Total Silt(%):</b>	26
<b>pH in Calc Chloride:</b>	7.1	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.642	<b>Organic Carbon(%):</b>	0.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	17

## Soil Information

<b>Horizon:</b>	Bt	<b>Total Sand(%):</b>	62
<b>Depth(cm):</b>	41-59	<b>Total Silt(%):</b>	27
<b>pH in Calc Chloride:</b>	6.9	<b>Total Clay(%):</b>	11
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.867	<b>Organic Carbon(%):</b>	0.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	22
<b>Horizon:</b>	BCK	<b>Total Sand(%):</b>	67
<b>Depth(cm):</b>	59-70	<b>Total Silt(%):</b>	25
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	8
<b>Saturated Hydraulic Conductivity(cm/h):</b>	2.859	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	5	<b>Very Fine Sand(%):</b>	18
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	72
<b>Depth(cm):</b>	70-100	<b>Total Silt(%):</b>	22
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	3.655	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

**Polygon ID:** OND002094029

### Component

<b>Component ID:</b>	OND00209402901	<b>Components(%):</b>	100
<b>Soil Name ID:</b>	ONBSB~~~~~A	<b>Slope Steepness(%):</b>	1.2
<b>Component No:</b>	1	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Slightly stony		

### Component Rating

<b>Field Crops Capability:</b>	moderate limitations on use for crops
<b>First CLI Limitation Subclass:</b>	Low inherent soil Fertility
<b>Second CLI Limitation Subclass:</b>	
<b>Drainage:</b>	Imperfectly
<b>Soil Texture of A Horizon:</b>	medium - moderately fine loam
<b>Hydrological Soil Groups:</b>	Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures.

## Soil Information

### Soil Name

**Soil Name:** BRISBANE  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Imperfectly drained  
**Water Table** Unspecified period  
**Charateristics:**  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Very Coarse; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Glaciofluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	9
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	45
<b>Depth(cm):</b>	0-17	<b>Total Silt(%):</b>	42
<b>pH in Calc Chloride:</b>	7	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.531	<b>Organic Carbon(%):</b>	2.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	9
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	43
<b>Depth(cm):</b>	17-26	<b>Total Silt(%):</b>	45
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.476	<b>Organic Carbon(%):</b>	2
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	8
<b>Horizon:</b>	Bm	<b>Total Sand(%):</b>	45
<b>Depth(cm):</b>	26-42	<b>Total Silt(%):</b>	41
<b>pH in Calc Chloride:</b>	7.3	<b>Total Clay(%):</b>	14
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.041	<b>Organic Carbon(%):</b>	1
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	11
<b>Horizon:</b>	BC	<b>Total Sand(%):</b>	49
<b>Depth(cm):</b>	42-53	<b>Total Silt(%):</b>	39
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.22	<b>Organic Carbon(%):</b>	0.6

## Soil Information

Electrical Conductivity (dS/m): 0

Layer No:	5	Very Fine Sand(%):	8
Horizon:	Ck	Total Sand(%):	74
Depth(cm):	53-69	Total Silt(%):	20
pH in Calc Chloride:	7.5	Total Clay(%):	6
Saturated Hydraulic Conductivity(cm/h):	3.766	Organic Carbon(%):	0.4
Electrical Conductivity (dS/m):	0		

Layer No:	6	Very Fine Sand(%):	13
Horizon:	Ckg	Total Sand(%):	44
Depth(cm):	69-100	Total Silt(%):	45
pH in Calc Chloride:	7.8	Total Clay(%):	11
Saturated Hydraulic Conductivity(cm/h):	1.15	Organic Carbon(%):	0.2
Electrical Conductivity (dS/m):	0		

Polygon ID: OND002094044

### Component

Component ID:	OND00209404401	Components(%):	60
Soil Name ID:	ONDYK~~~~~A	Slope Steepness(%):	37.5
Component No:	1	Slope Length(m):	-9
Surface Stoniness Class:	Very stony		

### Component Rating

Field Crops Capability:	Natural grazing only; no improvements feasible.
First CLI Limitation Subclass:	Presence of a combination of the Subclasses F and M, or, the presence of a combination of the Subclasses
Second CLI Limitation Subclass:	Presence of adverse Topography
Drainage:	Well
Soil Texture of A Horizon:	moderately coarse sandy loam
Hydrological Soil Groups:	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

Soil Name:	DONNYBROOK
Kind of Surface Material:	Mineral
Soil Drainage Class:	Well drained

## Soil Information

<b>Water Table</b>	Unspecified period
<b>Charateristics:</b>	
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Coarse Skeletal; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Fluvial; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	13
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	36
<b>Depth(cm):</b>	0-21	<b>Total Silt(%):</b>	46
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	18
<b>Saturated Hydraulic Conductivity(cm/h):</b>	0.693	<b>Organic Carbon(%):</b>	1.7
<b>Electrical Conductivity (dS/m):</b>	0		

<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	15
<b>Horizon:</b>	Bmk	<b>Total Sand(%):</b>	73
<b>Depth(cm):</b>	21-27	<b>Total Silt(%):</b>	21
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	4.46	<b>Organic Carbon(%):</b>	0.8
<b>Electrical Conductivity (dS/m):</b>	0		

<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	12
<b>Horizon:</b>	Bck	<b>Total Sand(%):</b>	78
<b>Depth(cm):</b>	27-33	<b>Total Silt(%):</b>	18
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	4
<b>Saturated Hydraulic Conductivity(cm/h):</b>	5.178	<b>Organic Carbon(%):</b>	0.7
<b>Electrical Conductivity (dS/m):</b>	0		

<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	2
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	91
<b>Depth(cm):</b>	33-100	<b>Total Silt(%):</b>	8
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	1
<b>Saturated Hydraulic Conductivity(cm/h):</b>	7.754	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

### Component

## Soil Information

<b>Component ID:</b>	OND00209404402	<b>Components(%):</b>	40
<b>Soil Name ID:</b>	ONDYK~~~~~A	<b>Slope Steepness(%):</b>	37.5
<b>Component No:</b>	2	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Very stony		

### Component Rating

**Field Crops Capability:** Severe limitations on use for crops.  
**First CLI Limitation Subclass:** Low inherent soil Fertility  
**Second CLI Limitation Subclass:** Low inherent Moisture holding capacity  
**Drainage:** Well  
**Soil Texture of A Horizon:** moderately coarse sandy loam  
**Hydrological Soil Groups:** Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

**Soil Name:** DONNYBROOK  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Well drained  
**Water Table Characteristics:** Unspecified period  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Coarse Skeletal; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Fluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	13
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	36
<b>Depth(cm):</b>	0-21	<b>Total Silt(%):</b>	46
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	18
<b>Saturated Hydraulic Conductivity(cm/h):</b>	0.693	<b>Organic Carbon(%):</b>	1.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	15
<b>Horizon:</b>	Bmk	<b>Total Sand(%):</b>	73
<b>Depth(cm):</b>	21-27	<b>Total Silt(%):</b>	21

## Soil Information

pH in Calc Chloride:	7.5	Total Clay(%):	6
Saturated Hydraulic Conductivity(cm/h):	4.46	Organic Carbon(%):	0.8
Electrical Conductivity (dS/m):	0		
Layer No:	3	Very Fine Sand(%):	12
Horizon:	Bck	Total Sand(%):	78
Depth(cm):	27-33	Total Silt(%):	18
pH in Calc Chloride:	7.5	Total Clay(%):	4
Saturated Hydraulic Conductivity(cm/h):	5.178	Organic Carbon(%):	0.7
Electrical Conductivity (dS/m):	0		
Layer No:	4	Very Fine Sand(%):	2
Horizon:	Ck	Total Sand(%):	91
Depth(cm):	33-100	Total Silt(%):	8
pH in Calc Chloride:	7.5	Total Clay(%):	1
Saturated Hydraulic Conductivity(cm/h):	7.754	Organic Carbon(%):	0.3
Electrical Conductivity (dS/m):	0		

Polygon ID: OND002094140

### Component

Component ID:	OND00209414001	Components(%):	60
Soil Name ID:	ONHLG~~~~~A	Slope Steepness(%):	22.5
Component No:	1	Slope Length(m):	-9
Surface Stoniness Class:	Moderately stony		

### Component Rating

Field Crops Capability:	moderately severe limitations on use for crops.
First CLI Limitation Subclass:	Low inherent soil Fertility
Second CLI Limitation Subclass:	Low inherent Moisture holding capacity
Drainage:	Well
Soil Texture of A Horizon:	
Hydrological Soil Groups:	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

## Soil Information

**Soil Name:** HILLSBURGH  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Well drained  
**Water Table** Unspecified period  
**Charateristics:**  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Coarse; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Fluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	16
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	55
<b>Depth(cm):</b>	0-22	<b>Total Silt(%):</b>	33
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.951	<b>Organic Carbon(%):</b>	1.6
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	14
<b>Horizon:</b>	Ae	<b>Total Sand(%):</b>	61
<b>Depth(cm):</b>	22-41	<b>Total Silt(%):</b>	26
<b>pH in Calc Chloride:</b>	7.1	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.642	<b>Organic Carbon(%):</b>	0.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	17
<b>Horizon:</b>	Bt	<b>Total Sand(%):</b>	62
<b>Depth(cm):</b>	41-59	<b>Total Silt(%):</b>	27
<b>pH in Calc Chloride:</b>	6.9	<b>Total Clay(%):</b>	11
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.867	<b>Organic Carbon(%):</b>	0.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	22
<b>Horizon:</b>	Bck	<b>Total Sand(%):</b>	67
<b>Depth(cm):</b>	59-70	<b>Total Silt(%):</b>	25
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	8
<b>Saturated Hydraulic Conductivity(cm/h):</b>	2.859	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

## Soil Information

<b>Layer No:</b>	5	<b>Very Fine Sand(%):</b>	18
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	72
<b>Depth(cm):</b>	70-100	<b>Total Silt(%):</b>	22
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	3.655	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

### Component

<b>Component ID:</b>	OND00209414002	<b>Components(%):</b>	40
<b>Soil Name ID:</b>	ONHLG~~~~~A	<b>Slope Steepness(%):</b>	22.5
<b>Component No:</b>	2	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Moderately stony		

### Component Rating

<b>Field Crops Capability:</b>	Very severe limitations preclude annual cultivation; improvements feasible.
<b>First CLI Limitation Subclass:</b>	Presence of a combination of the Subclasses F and M, or, the presence of a combination of the Subclasses
<b>Second CLI Limitation Subclass:</b>	Presence of adverse Topography
<b>Drainage:</b>	Well
<b>Soil Texture of A Horizon:</b>	
<b>Hydrological Soil Groups:</b>	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

<b>Soil Name:</b>	HILLSBURGH
<b>Kind of Surface Material:</b>	Mineral
<b>Soil Drainage Class:</b>	Well drained
<b>Water Table Characteristics:</b>	Unspecified period
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Coarse; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Fluvial; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

## Soil Information

Layer No:	1	Very Fine Sand(%):	16
Horizon:	Ap	Total Sand(%):	55
Depth(cm):	0-22	Total Silt(%):	33
pH in Calc Chloride:	7.2	Total Clay(%):	12
Saturated Hydraulic Conductivity(cm/h):	1.951	Organic Carbon(%):	1.6
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	14
Horizon:	Ae	Total Sand(%):	61
Depth(cm):	22-41	Total Silt(%):	26
pH in Calc Chloride:	7.1	Total Clay(%):	13
Saturated Hydraulic Conductivity(cm/h):	1.642	Organic Carbon(%):	0.7
Electrical Conductivity (dS/m):	0		
Layer No:	3	Very Fine Sand(%):	17
Horizon:	Bt	Total Sand(%):	62
Depth(cm):	41-59	Total Silt(%):	27
pH in Calc Chloride:	6.9	Total Clay(%):	11
Saturated Hydraulic Conductivity(cm/h):	1.867	Organic Carbon(%):	0.5
Electrical Conductivity (dS/m):	0		
Layer No:	4	Very Fine Sand(%):	22
Horizon:	BCK	Total Sand(%):	67
Depth(cm):	59-70	Total Silt(%):	25
pH in Calc Chloride:	7.2	Total Clay(%):	8
Saturated Hydraulic Conductivity(cm/h):	2.859	Organic Carbon(%):	0.3
Electrical Conductivity (dS/m):	0		
Layer No:	5	Very Fine Sand(%):	18
Horizon:	Ck	Total Sand(%):	72
Depth(cm):	70-100	Total Silt(%):	22
pH in Calc Chloride:	7.4	Total Clay(%):	6
Saturated Hydraulic Conductivity(cm/h):	3.655	Organic Carbon(%):	0.3
Electrical Conductivity (dS/m):	0		

Polygon ID: OND002094090

### Component

Component ID:	OND00209409001	Components(%):	100
Soil Name ID:	ONBSB~~~~~A	Slope Steepness(%):	1.2

## Soil Information

**Component No:** 1 **Slope Length(m):** -9  
**Surface Stoniness Class:** Slightly stony

### Component Rating

**Field Crops Capability:** moderate limitations on use for crops  
**First CLI Limitation Subclass:** Low inherent soil Fertility  
**Second CLI Limitation Subclass:**  
**Drainage:** Imperfectly  
**Soil Texture of A Horizon:** medium - moderately fine loam  
**Hydrological Soil Groups:** Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures.

### Soil Name

**Soil Name:** BRISBANE  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Imperfectly drained  
**Water Table Characteristics:** Unspecified period  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Very Coarse; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Glaciofluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	9
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	45
<b>Depth(cm):</b>	0-17	<b>Total Silt(%):</b>	42
<b>pH in Calc Chloride:</b>	7	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.531	<b>Organic Carbon(%):</b>	2.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	9
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	43
<b>Depth(cm):</b>	17-26	<b>Total Silt(%):</b>	45
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.476	<b>Organic Carbon(%):</b>	2

## Soil Information

Electrical Conductivity (dS/m): 0

Layer No:	3	Very Fine Sand(%):	8
Horizon:	Bm	Total Sand(%):	45
Depth(cm):	26-42	Total Silt(%):	41
pH in Calc Chloride:	7.3	Total Clay(%):	14
Saturated Hydraulic Conductivity(cm/h):	1.041	Organic Carbon(%):	1
Electrical Conductivity (dS/m):	0		

Layer No:	4	Very Fine Sand(%):	11
Horizon:	BC	Total Sand(%):	49
Depth(cm):	42-53	Total Silt(%):	39
pH in Calc Chloride:	7.4	Total Clay(%):	12
Saturated Hydraulic Conductivity(cm/h):	1.22	Organic Carbon(%):	0.6
Electrical Conductivity (dS/m):	0		

Layer No:	5	Very Fine Sand(%):	8
Horizon:	Ck	Total Sand(%):	74
Depth(cm):	53-69	Total Silt(%):	20
pH in Calc Chloride:	7.5	Total Clay(%):	6
Saturated Hydraulic Conductivity(cm/h):	3.766	Organic Carbon(%):	0.4
Electrical Conductivity (dS/m):	0		

Layer No:	6	Very Fine Sand(%):	13
Horizon:	Ckg	Total Sand(%):	44
Depth(cm):	69-100	Total Silt(%):	45
pH in Calc Chloride:	7.8	Total Clay(%):	11
Saturated Hydraulic Conductivity(cm/h):	1.15	Organic Carbon(%):	0.2
Electrical Conductivity (dS/m):	0		

Polygon ID: OND002094171

### Component

Component ID:	OND00209417101	Components(%):	100
Soil Name ID:	ONCAD~~~~~A	Slope Steepness(%):	3.5
Component No:	1	Slope Length(m):	-9
Surface Stoniness Class:	Nonstony		

### Component Rating

## Soil Information

**Field Crops Capability:** No significant limitations in use for Crops  
**First CLI Limitation Subclass:**  
**Second CLI Limitation Subclass:**  
**Drainage:** Well  
**Soil Texture of A Horizon:**  
**Hydrological Soil Groups:** Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

**Soil Name:** CALEDON  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Well drained  
**Water Table:** Unspecified period  
**Charateristics:**  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Very Coarse; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Glaciofluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	0
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	60
<b>Depth(cm):</b>	0-20	<b>Total Silt(%):</b>	30
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	10
<b>Saturated Hydraulic Conductivity(cm/h):</b>	2.538	<b>Organic Carbon(%):</b>	1.4
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	0
<b>Horizon:</b>	Ae	<b>Total Sand(%):</b>	59
<b>Depth(cm):</b>	20-36	<b>Total Silt(%):</b>	36
<b>pH in Calc Chloride:</b>	7.1	<b>Total Clay(%):</b>	5
<b>Saturated Hydraulic Conductivity(cm/h):</b>	4.261	<b>Organic Carbon(%):</b>	0.2
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	0
<b>Horizon:</b>	Ae	<b>Total Sand(%):</b>	68
<b>Depth(cm):</b>	36-48	<b>Total Silt(%):</b>	27

## Soil Information

pH in Calc Chloride:	7	Total Clay(%):	5
Saturated Hydraulic Conductivity(cm/h):	4.739	Organic Carbon(%):	0
Electrical Conductivity (dS/m):	0		
Layer No:	4	Very Fine Sand(%):	0
Horizon:	Bt	Total Sand(%):	73
Depth(cm):	48-66	Total Silt(%):	13
pH in Calc Chloride:	7.6	Total Clay(%):	14
Saturated Hydraulic Conductivity(cm/h):	1.68	Organic Carbon(%):	0.2
Electrical Conductivity (dS/m):	0		
Layer No:	5	Very Fine Sand(%):	0
Horizon:	Ck	Total Sand(%):	92
Depth(cm):	66-81	Total Silt(%):	6
pH in Calc Chloride:	8	Total Clay(%):	2
Saturated Hydraulic Conductivity(cm/h):	6.901	Organic Carbon(%):	0.1
Electrical Conductivity (dS/m):	0		
Layer No:	6	Very Fine Sand(%):	0
Horizon:	Ck	Total Sand(%):	85
Depth(cm):	81-100	Total Silt(%):	11
pH in Calc Chloride:	8.2	Total Clay(%):	4
Saturated Hydraulic Conductivity(cm/h):	5.273	Organic Carbon(%):	0.1
Electrical Conductivity (dS/m):	0		

Polygon ID: OND002095171

### Component

Component ID:	OND00209517101	Components(%):	100
Soil Name ID:	ONZUN~~~~~N	Slope Steepness(%):	1.2
Component No:	1	Slope Length(m):	-9
Surface Stoniness Class:	Nonstony		

### Component Rating

#### Field Crops Capability:

First CLI Limitation

Subclass:

Second CLI Limitation

Subclass:

## Soil Information

**Drainage:** Very Poorly  
**Soil Texture of A Horizon:**  
**Hydrological Soil Groups:** Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material.

### Soil Name

**Soil Name:** UNCLASSIFIED  
**Kind of Surface Material:** Unclassified  
**Soil Drainage Class:** Not applicable  
**Water Table Characteristics:** Unspecified period  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Not Applicable; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Not Applicable; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Not Applicable; Not Applicable; Not Applicable

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**Polygon ID:** OND002094052

### Component

<b>Component ID:</b>	OND00209405201	<b>Components(%):</b>	60
<b>Soil Name ID:</b>	ONDYK~~~~~A	<b>Slope Steepness(%):</b>	7
<b>Component No:</b>	1	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Very stony		

### Component Rating

**Field Crops Capability:** Natural grazing only; no improvements feasible.  
**First CLI Limitation Subclass:** Presence of a combination of the Subclasses F and M, or, the presence of a combination of the Subclasses  
**Second CLI Limitation Subclass:** Presence of adverse Topography  
**Drainage:** Well  
**Soil Texture of A Horizon:** moderately coarse sandy loam  
**Hydrological Soil Groups:** Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

## Soil Information

**Soil Name:** DONNYBROOK  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Well drained  
**Water Table** Unspecified period  
**Charateristics:**  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Coarse Skeletal; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Fluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	13
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	36
<b>Depth(cm):</b>	0-21	<b>Total Silt(%):</b>	46
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	18
<b>Saturated Hydraulic Conductivity(cm/h):</b>	0.693	<b>Organic Carbon(%):</b>	1.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	15
<b>Horizon:</b>	Bmk	<b>Total Sand(%):</b>	73
<b>Depth(cm):</b>	21-27	<b>Total Silt(%):</b>	21
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	4.46	<b>Organic Carbon(%):</b>	0.8
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	12
<b>Horizon:</b>	BCK	<b>Total Sand(%):</b>	78
<b>Depth(cm):</b>	27-33	<b>Total Silt(%):</b>	18
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	4
<b>Saturated Hydraulic Conductivity(cm/h):</b>	5.178	<b>Organic Carbon(%):</b>	0.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	2
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	91
<b>Depth(cm):</b>	33-100	<b>Total Silt(%):</b>	8
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	1
<b>Saturated Hydraulic Conductivity(cm/h):</b>	7.754	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

## Soil Information

### Component

<b>Component ID:</b>	OND00209405202	<b>Components(%):</b>	40
<b>Soil Name ID:</b>	ONDYK~~~~~A	<b>Slope Steepness(%):</b>	7
<b>Component No:</b>	2	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Very stony		

### Component Rating

<b>Field Crops Capability:</b>	Severe limitations on use for crops.
<b>First CLI Limitation Subclass:</b>	Low inherent soil Fertility
<b>Second CLI Limitation Subclass:</b>	Low inherent Moisture holding capacity
<b>Drainage:</b>	Well
<b>Soil Texture of A Horizon:</b>	moderately coarse sandy loam
<b>Hydrological Soil Groups:</b>	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

<b>Soil Name:</b>	DONNYBROOK
<b>Kind of Surface Material:</b>	Mineral
<b>Soil Drainage Class:</b>	Well drained
<b>Water Table Characteristics:</b>	Unspecified period
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Coarse Skeletal; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Fluvial; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	13
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	36
<b>Depth(cm):</b>	0-21	<b>Total Silt(%):</b>	46
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	18
<b>Saturated Hydraulic Conductivity(cm/h):</b>	0.693	<b>Organic Carbon(%):</b>	1.7
<b>Electrical Conductivity (dS/m):</b>	0		

## Soil Information

Layer No:	2	Very Fine Sand(%):	15
Horizon:	Bmk	Total Sand(%):	73
Depth(cm):	21-27	Total Silt(%):	21
pH in Calc Chloride:	7.5	Total Clay(%):	6
Saturated Hydraulic Conductivity(cm/h):	4.46	Organic Carbon(%):	0.8
Electrical Conductivity (dS/m):	0		
Layer No:	3	Very Fine Sand(%):	12
Horizon:	BCK	Total Sand(%):	78
Depth(cm):	27-33	Total Silt(%):	18
pH in Calc Chloride:	7.5	Total Clay(%):	4
Saturated Hydraulic Conductivity(cm/h):	5.178	Organic Carbon(%):	0.7
Electrical Conductivity (dS/m):	0		
Layer No:	4	Very Fine Sand(%):	2
Horizon:	Ck	Total Sand(%):	91
Depth(cm):	33-100	Total Silt(%):	8
pH in Calc Chloride:	7.5	Total Clay(%):	1
Saturated Hydraulic Conductivity(cm/h):	7.754	Organic Carbon(%):	0.3
Electrical Conductivity (dS/m):	0		

Polygon ID: OND002095165

### Component

Component ID:	OND00209516501	Components(%):	60
Soil Name ID:	ONHLG~~~~~A	Slope Steepness(%):	22.5
Component No:	1	Slope Length(m):	-9
Surface Stoniness Class:	Moderately stony		

### Component Rating

Field Crops Capability:	moderately severe limitations on use for crops.
First CLI Limitation Subclass:	Low inherent soil Fertility
Second CLI Limitation Subclass:	Low inherent Moisture holding capacity
Drainage:	Well
Soil Texture of A Horizon:	
Hydrological Soil Groups:	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

# Soil Information

## Soil Name

**Soil Name:** HILLSBURGH  
**Kind of Surface Material:** Mineral  
**Soil Drainage Class:** Well drained  
**Water Table Characteristics:** Unspecified period  
**Layer that Restricts Root Growth:** No root restricting layer  
**Type of Root Restricting Layer:** n/a  
**Parent Material 1, 2, 3:** Coarse; Not Applicable; Not Applicable  
**Mode of Deposition 1,2,3:** Fluvial; Not Applicable; Not Applicable  
**Parent Material Chemical Property 1,2,3:** Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

## Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	16
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	55
<b>Depth(cm):</b>	0-22	<b>Total Silt(%):</b>	33
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.951	<b>Organic Carbon(%):</b>	1.6
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	14
<b>Horizon:</b>	Ae	<b>Total Sand(%):</b>	61
<b>Depth(cm):</b>	22-41	<b>Total Silt(%):</b>	26
<b>pH in Calc Chloride:</b>	7.1	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.642	<b>Organic Carbon(%):</b>	0.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	17
<b>Horizon:</b>	Bt	<b>Total Sand(%):</b>	62
<b>Depth(cm):</b>	41-59	<b>Total Silt(%):</b>	27
<b>pH in Calc Chloride:</b>	6.9	<b>Total Clay(%):</b>	11
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.867	<b>Organic Carbon(%):</b>	0.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	22
<b>Horizon:</b>	Bck	<b>Total Sand(%):</b>	67
<b>Depth(cm):</b>	59-70	<b>Total Silt(%):</b>	25
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	8

## Soil Information

<b>Saturated Hydraulic Conductivity(cm/h):</b>	2.859	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	5	<b>Very Fine Sand(%):</b>	18
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	72
<b>Depth(cm):</b>	70-100	<b>Total Silt(%):</b>	22
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	3.655	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

### Component

<b>Component ID:</b>	OND00209516502	<b>Components(%):</b>	40
<b>Soil Name ID:</b>	ONHLG~~~~~A	<b>Slope Steepness(%):</b>	22.5
<b>Component No:</b>	2	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Moderately stony		

### Component Rating

<b>Field Crops Capability:</b>	Very severe limitations preclude annual cultivation; improvements feasible.
<b>First CLI Limitation Subclass:</b>	Presence of a combination of the Subclasses F and M, or, the presence of a combination of the Subclasses
<b>Second CLI Limitation Subclass:</b>	Presence of adverse Topography
<b>Drainage:</b>	Well
<b>Soil Texture of A Horizon:</b>	
<b>Hydrological Soil Groups:</b>	Soils that have a low runoff potential and high infiltration rate, as the soils typically are sands and gravel.

### Soil Name

<b>Soil Name:</b>	HILLSBURGH
<b>Kind of Surface Material:</b>	Mineral
<b>Soil Drainage Class:</b>	Well drained
<b>Water Table Characteristics:</b>	Unspecified period
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Coarse; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Fluvial; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

## Soil Information

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	16
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	55
<b>Depth(cm):</b>	0-22	<b>Total Silt(%):</b>	33
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.951	<b>Organic Carbon(%):</b>	1.6
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	14
<b>Horizon:</b>	Ae	<b>Total Sand(%):</b>	61
<b>Depth(cm):</b>	22-41	<b>Total Silt(%):</b>	26
<b>pH in Calc Chloride:</b>	7.1	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.642	<b>Organic Carbon(%):</b>	0.7
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	17
<b>Horizon:</b>	Bt	<b>Total Sand(%):</b>	62
<b>Depth(cm):</b>	41-59	<b>Total Silt(%):</b>	27
<b>pH in Calc Chloride:</b>	6.9	<b>Total Clay(%):</b>	11
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.867	<b>Organic Carbon(%):</b>	0.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	22
<b>Horizon:</b>	BCK	<b>Total Sand(%):</b>	67
<b>Depth(cm):</b>	59-70	<b>Total Silt(%):</b>	25
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	8
<b>Saturated Hydraulic Conductivity(cm/h):</b>	2.859	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	5	<b>Very Fine Sand(%):</b>	18
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	72
<b>Depth(cm):</b>	70-100	<b>Total Silt(%):</b>	22
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	3.655	<b>Organic Carbon(%):</b>	0.3
<b>Electrical Conductivity (dS/m):</b>	0		

**Polygon ID:** OND002093992

## Soil Information

### Component

<b>Component ID:</b>	OND00209399201	<b>Components(%):</b>	100
<b>Soil Name ID:</b>	ONBSB~~~~~A	<b>Slope Steepness(%):</b>	3.5
<b>Component No:</b>	1	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Slightly stony		

### Component Rating

<b>Field Crops Capability:</b>	moderate limitations on use for crops
<b>First CLI Limitation Subclass:</b>	Low inherent soil Fertility
<b>Second CLI Limitation Subclass:</b>	
<b>Drainage:</b>	Imperfectly
<b>Soil Texture of A Horizon:</b>	medium - moderately fine loam
<b>Hydrological Soil Groups:</b>	Soils with moderate infiltration rates when completely wetted. Soils are sandy loam soils with moderately fine to moderately coarse textures.

### Soil Name

<b>Soil Name:</b>	BRISBANE
<b>Kind of Surface Material:</b>	Mineral
<b>Soil Drainage Class:</b>	Imperfectly drained
<b>Water Table Characteristics:</b>	Unspecified period
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Very Coarse; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Glaciofluvial; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Moderately / Very Strongly Calcareous; Not Applicable; Not Applicable

### Soil Layer

<b>Layer No:</b>	1	<b>Very Fine Sand(%):</b>	9
<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	45
<b>Depth(cm):</b>	0-17	<b>Total Silt(%):</b>	42
<b>pH in Calc Chloride:</b>	7	<b>Total Clay(%):</b>	13
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.531	<b>Organic Carbon(%):</b>	2.5
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	2	<b>Very Fine Sand(%):</b>	9

## Soil Information

<b>Horizon:</b>	Ap	<b>Total Sand(%):</b>	43
<b>Depth(cm):</b>	17-26	<b>Total Silt(%):</b>	45
<b>pH in Calc Chloride:</b>	7.2	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.476	<b>Organic Carbon(%):</b>	2
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	3	<b>Very Fine Sand(%):</b>	8
<b>Horizon:</b>	Bm	<b>Total Sand(%):</b>	45
<b>Depth(cm):</b>	26-42	<b>Total Silt(%):</b>	41
<b>pH in Calc Chloride:</b>	7.3	<b>Total Clay(%):</b>	14
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.041	<b>Organic Carbon(%):</b>	1
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	4	<b>Very Fine Sand(%):</b>	11
<b>Horizon:</b>	BC	<b>Total Sand(%):</b>	49
<b>Depth(cm):</b>	42-53	<b>Total Silt(%):</b>	39
<b>pH in Calc Chloride:</b>	7.4	<b>Total Clay(%):</b>	12
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.22	<b>Organic Carbon(%):</b>	0.6
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	5	<b>Very Fine Sand(%):</b>	8
<b>Horizon:</b>	Ck	<b>Total Sand(%):</b>	74
<b>Depth(cm):</b>	53-69	<b>Total Silt(%):</b>	20
<b>pH in Calc Chloride:</b>	7.5	<b>Total Clay(%):</b>	6
<b>Saturated Hydraulic Conductivity(cm/h):</b>	3.766	<b>Organic Carbon(%):</b>	0.4
<b>Electrical Conductivity (dS/m):</b>	0		
<b>Layer No:</b>	6	<b>Very Fine Sand(%):</b>	13
<b>Horizon:</b>	Ckg	<b>Total Sand(%):</b>	44
<b>Depth(cm):</b>	69-100	<b>Total Silt(%):</b>	45
<b>pH in Calc Chloride:</b>	7.8	<b>Total Clay(%):</b>	11
<b>Saturated Hydraulic Conductivity(cm/h):</b>	1.15	<b>Organic Carbon(%):</b>	0.2
<b>Electrical Conductivity (dS/m):</b>	0		

**Polygon ID:** OND002094078

### Component

<b>Component ID:</b>	OND00209407801	<b>Components(%):</b>	100
<b>Soil Name ID:</b>	ONZZZ~~~~~N	<b>Slope Steepness(%):</b>	Unknown or Not applicable
<b>Component No:</b>	1	<b>Slope Length(m):</b>	-9

## Soil Information

Surface Stoniness Class: Not Applicable

### Component Rating

#### Field Crops Capability:

##### First CLI Limitation

Subclass:

##### Second CLI Limitation

Subclass:

Drainage: Not Applicable

#### Soil Texture of A

Horizon:

#### Hydrological Soil

Groups:

### Soil Name

Soil Name: WATER  
Kind of Surface Material: True Non-soil  
Soil Drainage Class: Not applicable  
Water Table: Not applicable  
Charateristics:  
Layer that Restricts Root Growth: Not applicable  
Type of Root Restricting Layer: n/a  
Parent Material 1, 2, 3: Not Applicable; Not Applicable; Not Applicable  
Mode of Deposition 1,2,3: Not Applicable; Not Applicable; Not Applicable  
Parent Material Chemical Property 1,2,3: Not Applicable; Not Applicable; Not Applicable

### Soil Layer

Layer No:	1	Very Fine Sand(%):	-9
Horizon:	--	Total Sand(%):	-9
Depth(cm):	0-100	Total Silt(%):	-9
pH in Calc Chloride:	Not applicable	Total Clay(%):	-9
Saturated Hydraulic Conductivity(cm/h):	Not applicable	Organic Carbon(%):	Not applicable
Electrical Conductivity (dS/m):	Not applicable		

Polygon ID: OND002093993

### Component

Component ID: OND00209399301      Components(%): 100

## Soil Information

<b>Soil Name ID:</b>	ONZUN~~~~~N	<b>Slope Steepness(%):</b>	1.2
<b>Component No:</b>	1	<b>Slope Length(m):</b>	-9
<b>Surface Stoniness Class:</b>	Nonstony		

### Component Rating

#### Field Crops Capability:

##### First CLI Limitation

##### Subclass:

##### Second CLI Limitation

##### Subclass:

**Drainage:** Very Poorly

#### Soil Texture of A

#### Horizon:

#### Hydrological Soil

#### Groups:

Soils have a high runoff potential and very slow infiltration rate when thoroughly wetted. Soils include clay soils with high swelling potential, soils in a permanent high water table and shallow soils over nearly impervious material.

### Soil Name

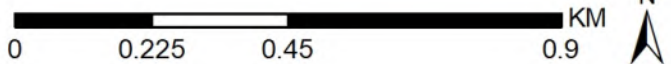
<b>Soil Name:</b>	UNCLASSIFIED
<b>Kind of Surface Material:</b>	Unclassified
<b>Soil Drainage Class:</b>	Not applicable
<b>Water Table</b>	Unspecified period
<b>Charateristics:</b>	
<b>Layer that Restricts Root Growth:</b>	No root restricting layer
<b>Type of Root Restricting Layer:</b>	n/a
<b>Parent Material 1, 2, 3:</b>	Not Applicable; Not Applicable; Not Applicable
<b>Mode of Deposition 1,2,3:</b>	Not Applicable; Not Applicable; Not Applicable
<b>Parent Material Chemical Property 1,2,3:</b>	Not Applicable; Not Applicable; Not Applicable











# Wells and Additional Sources



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

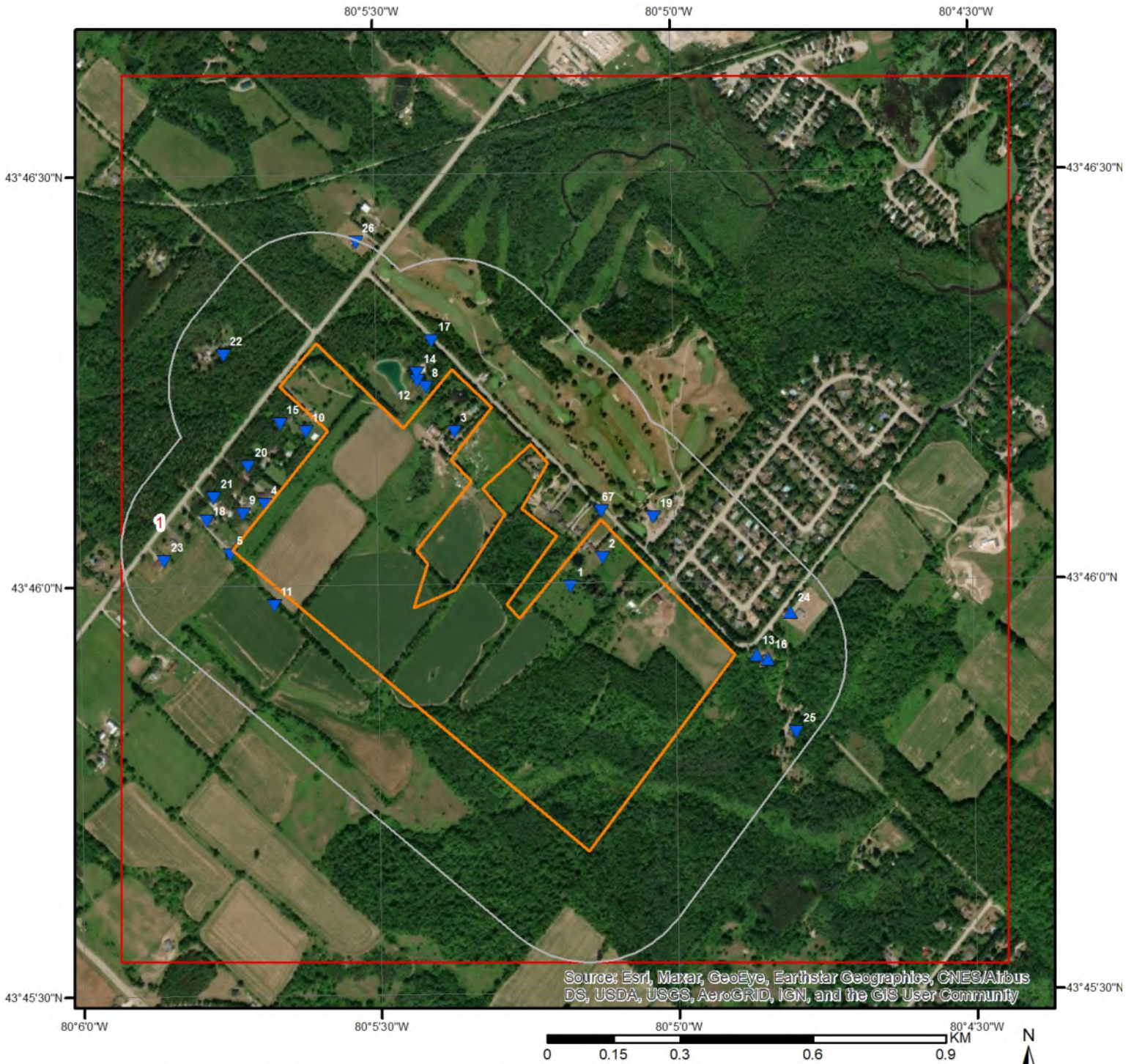
## Wells & Additional Sources



- |  |  |
|--|--|
|  Project Property |  Buffer                       |
|  Buffer           |  Sites with Higher Elevation  |
|  Buffer           |  Sites with Same Elevation    |
|  Buffer           |  Sites with Lower Elevation   |
|  Buffer           |  Sites with Unknown Elevation |



# Wells and Additional Sources



## Wells & Additional Sources - Page 1

- ▲ Sites with Higher Elevation
- Sites with Same Elevation
- ▼ Sites with Lower Elevation
- Sites with Unknown Elevation



# Wells and Additional Sources Summary

## Federal Sources

### National Energy Board Wells

Map Key	ID	Distance (m)	Direction
No records found			

## Provincial Sources

### Ontario Oil and Gas Wells

Map Key	ID	Distance (m)	Direction
No records found			

### Provincial Groundwater Monitoring Network

Map Key	ID	Distance (m)	Direction
No records found			

### Water Well Information System

Map Key	Well ID	Distance (m)	Direction
1	6712830	0.	-
2	6700734	0.	-
3	6700737	0.	-
4	7232033	6.61	WNW
5	7253592	11.43	W
6	7123991	18.36	NE
7	7123992	18.53	NE
8	6703510	18.85	NNW
9	7112769	31.2	WNW
10	6704165	34.63	NW
11	6713898	35.28	W
12	7156326	42.65	NNW
13	7221975	49.69	E
14	7156327	54.89	NNW
15	7288614	62.09	NW
16	6704818	75.54	E
17	6711560	78.27	N
18	7101400	85.95	WNW
19	6700766	86.56	ENE
20	6706595	88.39	WNW
21	7110312	105.09	WNW
22	7268298	144.85	NW
23	7266478	155.74	W
24	7302829	158.21	E
25	6710324	215.66	ESE
26	6712434	243.98	NNW

## Private Sources

## Wells and Additional Sources Summary

### Oil and Gas Wells

Map Key	ID	Distance (m)	Direction
No records found			

# Wells and Additional Sources Detail Report

## Water Well Information System

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
1	-	0.00	0.00	425.20	WWIS

Well ID:	6712830	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/7/1999
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3317
Casing Material:		Form Version:	1
Audit No:	192048	Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	016
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6712830.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712830.pdf)

Bore Hole ID:	10476663	Elevation:	427.654998
DP2BR:	110	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	573541.3
Code OB Desc:	Bedrock	North83:	4846354
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	3
Date Completed:	12/3/1998	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:			

## Wells and Additional Sources Detail Report

Formation ID: 932659186  
Layer: 5  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 135  
Formation End Depth: 160  
Formation End Depth UOM: ft

Formation ID: 932659183  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3: 28  
Mat3 Desc: SAND  
Formation Top Depth: 20  
Formation End Depth: 85  
Formation End Depth UOM: ft

Formation ID: 932659184  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 85  
Formation End Depth: 110  
Formation End Depth UOM: ft

## Wells and Additional Sources Detail Report

Formation ID: 932659185  
Layer: 4  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 110  
Formation End Depth: 135  
Formation End Depth  
UOM: ft

Formation ID: 932659182  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 28  
Mat2 Desc: SAND  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 20  
Formation End Depth  
UOM: ft

Method Construction ID: 966712830  
Method Construction  
Code: 2  
Method Construction: Rotary (Convent.)  
Other Method  
Construction:

Pipe ID: 11025233  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930776609  
Layer: 2  
Material: 4

## Wells and Additional Sources Detail Report

Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 160  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930776608  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 115  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996712830  
Pump Set At:  
Static Level: 75  
Final Level After Pumping: 90  
Recommended Pump Depth: 130  
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: 30  
Flowing: No

Pump Test Detail ID: 934870219  
Test Type: Draw Down  
Test Duration: 45  
Test Level: 90  
Test Level UOM: ft

Pump Test Detail ID: 934617955  
Test Type: Draw Down

## Wells and Additional Sources Detail Report

Test Duration: 30  
 Test Level: 90  
 Test Level UOM: ft

Pump Test Detail ID: 934353374  
 Test Type: Draw Down  
 Test Duration: 15  
 Test Level: 90  
 Test Level UOM: ft

Pump Test Detail ID: 935131270  
 Test Type: Draw Down  
 Test Duration: 60  
 Test Level: 90  
 Test Level UOM: ft

Water ID: 933967386  
 Layer: 2  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 155  
 Water Found Depth UOM: ft

Water ID: 933967385  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 140  
 Water Found Depth UOM: ft

---

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
2	-	0.00	0.00	424.20	WWIS

Well ID: 6700734  
 Construction Date:  
 Primary Water Use: Livestock  
 Sec. Water Use: Domestic  
 Final Well Status: Water Supply  
 Water Type:  
 Casing Material:  
 Audit No:  
 Tag:

Data Entry Status:  
 Data Src: 1  
 Date Received: 8/9/1963  
 Selected Flag: Yes  
 Abandonment Rec:  
 Contractor: 2406  
 Form Version: 1  
 Owner:  
 Street Name:

## Wells and Additional Sources Detail Report

Construction Method:	County:	WELLINGTON
Elevation (m):	Municipality:	ERIN TOWNSHIP
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	016
Well Depth:	Concession:	08
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6700734.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700734.pdf)

Bore Hole ID:	10464880	Elevation:	427.13504
DP2BR:	169	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	573613.3
Code OB Desc:	Bedrock	North83:	4846418
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/6/1963	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:			

Formation ID:	932605873
Layer:	4
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70
Formation End Depth:	83
Formation End Depth UOM:	ft

## Wells and Additional Sources Detail Report

Formation ID: 932605871  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 2  
Formation End Depth: 55  
Formation End Depth UOM: ft

Formation ID: 932605872  
Layer: 3  
Color:  
General Color:  
Mat1: 08  
Most Common Material: FINE SAND  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 55  
Formation End Depth: 70  
Formation End Depth UOM: ft

Formation ID: 932605870  
Layer: 1  
Color:  
General Color:  
Mat1: 02  
Most Common Material: TOPSOIL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 2  
Formation End Depth UOM: ft

## Wells and Additional Sources Detail Report

Formation ID: 932605876  
Layer: 7  
Color:  
General Color:  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 168  
Formation End Depth: 169  
Formation End Depth UOM: ft

Formation ID: 932605874  
Layer: 5  
Color: 6  
General Color: BROWN  
Mat1: 08  
Most Common Material: FINE SAND  
Mat2: 06  
Mat2 Desc: SILT  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 83  
Formation End Depth: 105  
Formation End Depth UOM: ft

Formation ID: 932605877  
Layer: 8  
Color: 2  
General Color: GREY  
Mat1: 26  
Most Common Material: ROCK  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 169  
Formation End Depth: 170  
Formation End Depth UOM: ft

Formation ID: 932605875

## Wells and Additional Sources Detail Report

Layer: 6  
Color: 2  
General Color: GREY  
Mat1: 08  
Most Common Material: FINE SAND  
Mat2: 06  
Mat2 Desc: SILT  
Mat3: 05  
Mat3 Desc: CLAY  
Formation Top Depth: 105  
Formation End Depth: 168  
Formation End Depth UOM: ft

Method Construction ID: 966700734  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

Pipe ID: 11013450  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930755530  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 170  
Casing Diameter: 5  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996700734  
Pump Set At:  
Static Level: 105  
Final Level After Pumping: 110  
Recommended Pump Depth: 125  
Pumping Rate: 10  
Flowing Rate:  
Recommended Pump Rate: 6

## Wells and Additional Sources Detail Report

Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 1  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 6  
 Pumping Duration MIN: 30  
 Flowing: No

Water ID: 933952864  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 170  
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
3	-	0.00	0.00	402.53	WWIS

Well ID:	6700737	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Livestock	Date Received:	2/7/1968
Sec. Water Use:	Domestic	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3316
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6700737.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700737.pdf)

Bore Hole ID: 10464883      Elevation: 406.1958  
 DP2BR: 48      Elevrc:

## Wells and Additional Sources Detail Report

Spatial Status:		Zone:	17
Code OB:	r	East83:	573278.3
Code OB Desc:	Bedrock	North83:	4846702
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/12/1967	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:			

Formation ID:	932605892
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	48
Formation End Depth:	90
Formation End Depth UOM:	ft

Formation ID:	932605891
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	48
Formation End Depth UOM:	ft

## Wells and Additional Sources Detail Report

Method Construction ID: 966700737  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

Pipe ID: 11013453  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930755535  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 54  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930755536  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 90  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996700737  
Pump Set At:  
Static Level:  
Final Level After Pumping: 0  
Recommended Pump Depth: 20  
Pumping Rate: 5  
Flowing Rate: 5  
Recommended Pump Rate: 10  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1

## Wells and Additional Sources Detail Report

Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR:  
 Pumping Duration MIN:  
 Flowing: Yes

Water ID: 933952867  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 85  
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
4	WNW	0.01	6.61	414.20	WWIS

Well ID:	7232033	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	11/19/2014
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z197982	Owner:	
Tag:	A146175	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/723\7232033.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7232033.pdf)

Bore Hole ID:	1005228361	Elevation:	415.642486
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572851
Code OB Desc:		North83:	4846538

## Wells and Additional Sources Detail Report

Open Hole: Org CS: UTM83  
Cluster Kind: UTMRC: 4  
Date Completed: 10/29/2014 UTMRC Desc: margin of error : 30 m - 100 m  
Remarks: Location Method: wwr  
Elevrc Desc:  
Location Source Date:  
Improvement Location  
Source:  
Improvement Location  
Method:  
Source Revision  
Comment:  
Supplier Comment:

Formation ID: 1005420744  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 75  
Formation End Depth: 122  
Formation End Depth UOM: ft

Formation ID: 1005420742  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 06  
Most Common Material: SILT  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3: 12  
Mat3 Desc: STONES  
Formation Top Depth: 0  
Formation End Depth: 28  
Formation End Depth UOM: ft

Formation ID: 1005420743  
Layer: 2  
Color: 2

## Wells and Additional Sources Detail Report

General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 28  
Formation End Depth: 75  
Formation End Depth UOM: ft

Plug ID: 1005420771  
Layer: 1  
Plug From: 0  
Plug To: 81  
Plug Depth UOM: ft

Method Construction ID: 1005420770  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1005420740  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1005420748  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0  
Depth To: 81  
Casing Diameter: 6.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1005420749  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE

## Wells and Additional Sources Detail Report

Depth From: 81  
Depth To: 122  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1005420750  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1005420741  
Pump Set At: 80  
Static Level: 47  
Final Level After Pumping: 61  
Recommended Pump  
Depth: 80  
Pumping Rate: 20  
Flowing Rate:  
Recommended Pump  
Rate: 20  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test  
Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 0  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing:

Pump Test Detail ID: 1005420752  
Test Type: Recovery  
Test Duration: 5  
Test Level: 51  
Test Level UOM: ft

Pump Test Detail ID: 1005420762  
Test Type: Recovery  
Test Duration: 30

## Wells and Additional Sources Detail Report

Test Level: 47  
Test Level UOM: ft

Pump Test Detail ID: 1005420766  
Test Type: Recovery  
Test Duration: 50  
Test Level: 47  
Test Level UOM: ft

Pump Test Detail ID: 1005420761  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1005420767  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1005420759  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1005420764  
Test Type: Recovery  
Test Duration: 40  
Test Level: 47  
Test Level UOM: ft

Pump Test Detail ID: 1005420756  
Test Type: Recovery  
Test Duration: 15  
Test Level: 47  
Test Level UOM: ft

Pump Test Detail ID: 1005420760

## Wells and Additional Sources Detail Report

Test Type: Recovery  
Test Duration: 25  
Test Level: 47  
Test Level UOM: ft

Pump Test Detail ID: 1005420751  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 56  
Test Level UOM: ft

Pump Test Detail ID: 1005420758  
Test Type: Recovery  
Test Duration: 20  
Test Level: 47  
Test Level UOM: ft

Pump Test Detail ID: 1005420753  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 59  
Test Level UOM: ft

Pump Test Detail ID: 1005420763  
Test Type: Draw Down  
Test Duration: 40  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1005420765  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1005420754  
Test Type: Recovery  
Test Duration: 10  
Test Level: 47  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1005420768  
 Test Type: Recovery  
 Test Duration: 60  
 Test Level: 47  
 Test Level UOM: ft

Pump Test Detail ID: 1005420755  
 Test Type: Draw Down  
 Test Duration: 15  
 Test Level: 61  
 Test Level UOM: ft

Pump Test Detail ID: 1005420757  
 Test Type: Draw Down  
 Test Duration: 20  
 Test Level: 61  
 Test Level UOM: ft

Water ID: 1005420747  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 116  
 Water Found Depth UOM: ft

Hole ID: 1005420745  
 Diameter: 8.75  
 Depth From: 0  
 Depth To: 81  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1005420746  
 Diameter: 6  
 Depth From: 81  
 Depth To: 122  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
5	W	0.01	11.43	417.17	WWIS

## Wells and Additional Sources Detail Report

Well ID:	7253592	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	12/3/2015
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z220234	Owner:	
Tag:	A173691	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/725\7253592.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7253592.pdf)

Bore Hole ID:	1005828269	Elevation:	418.42517
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572774
Code OB Desc:		North83:	4846425
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/2/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	1005880421
Layer:	4
Color:	2

## Wells and Additional Sources Detail Report

General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 121  
Formation End Depth: 147  
Formation End Depth UOM: ft

Formation ID: 1005880419  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 32  
Formation End Depth: 86  
Formation End Depth UOM: ft

Formation ID: 1005880420  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 86  
Formation End Depth: 121  
Formation End Depth UOM: ft

Formation ID: 1005880418  
Layer: 1  
Color: 6  
General Color: BROWN

## Wells and Additional Sources Detail Report

Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 32  
Formation End Depth UOM: ft

Plug ID: 1005880439  
Layer: 1  
Plug From: 0  
Plug To: 90  
Plug Depth UOM: ft

Method Construction ID: 1005880438  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1005880416  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1005880426  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 90  
Depth To: 147  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1005880425  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0

## Wells and Additional Sources Detail Report

Depth To: 90  
Casing Diameter: 6.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1005880427  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1005880417  
Pump Set At: 80  
Static Level: 51  
Final Level After Pumping: 71  
Recommended Pump  
Depth: 80  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing:

Pump Test Detail ID: 1005880433  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 70  
Test Level UOM: ft

Pump Test Detail ID: 1005880429  
Test Type: Recovery  
Test Duration: 5  
Test Level: 53

## Wells and Additional Sources Detail Report

Test Level UOM: ft

Pump Test Detail ID: 1005880435  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 71  
Test Level UOM: ft

Pump Test Detail ID: 1005880431  
Test Type: Recovery  
Test Duration: 10  
Test Level: 51  
Test Level UOM: ft

Pump Test Detail ID: 1005880436  
Test Type: Recovery  
Test Duration: 60  
Test Level: 51  
Test Level UOM: ft

Pump Test Detail ID: 1005880430  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 65  
Test Level UOM: ft

Pump Test Detail ID: 1005880432  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 68  
Test Level UOM: ft

Pump Test Detail ID: 1005880434  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 71  
Test Level UOM: ft

Pump Test Detail ID: 1005880428  
Test Type: Draw Down

## Wells and Additional Sources Detail Report

Test Duration: 5  
 Test Level: 62  
 Test Level UOM: ft

Water ID: 1005880424  
 Layer:  
 Kind Code:  
 Kind:  
 Water Found Depth:  
 Water Found Depth UOM: ft

Hole ID: 1005880422  
 Diameter: 8.75  
 Depth From: 0  
 Depth To: 90  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1005880423  
 Diameter: 6  
 Depth From: 90  
 Depth To: 147  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
6	NE	0.02	18.36	417.20	WWIS

Well ID:	7123991	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring	Date Received:	6/8/2009
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z89737	Owner:	
Tag:	A073328	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	016
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON

## Wells and Additional Sources Detail Report

Pump Rate: Easting NAD83:  
Static Water Level: Northing NAD83:  
Flowing (Y/N): Zone:  
Flow Rate: UTM Reliability:  
Clear/Cloudy:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/712\7123991.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123991.pdf)

Bore Hole ID: 1002457926 Elevation: 420.060058  
DP2BR: Elevrc:  
Spatial Status: Zone: 17  
Code OB: East83: 573609  
Code OB Desc: North83: 4846524  
Open Hole: Org CS: UTM83  
Cluster Kind: UTMRC: 4  
Date Completed: 3/27/2009 UTMRC Desc: margin of error : 30 m - 100 m  
Remarks: Location Method: wwr  
Elevrc Desc:  
Location Source Date:  
Improvement Location  
Source:  
Improvement Location  
Method:  
Source Revision  
Comment:  
Supplier Comment:

Formation ID: 1002608005  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3: 84  
Mat3 Desc: SILTY  
Formation Top Depth: 0  
Formation End Depth: 37  
Formation End Depth  
UOM: ft

Formation ID: 1002608008  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15

## Wells and Additional Sources Detail Report

Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 147  
Formation End Depth: 197  
Formation End Depth UOM: ft

Formation ID: 1002608007  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 103  
Formation End Depth: 147  
Formation End Depth UOM: ft

Formation ID: 1002608006  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 37  
Formation End Depth: 103  
Formation End Depth UOM: ft

Plug ID: 1002608011  
Layer: 1  
Plug From: 0  
Plug To: 105  
Plug Depth UOM: ft

## Wells and Additional Sources Detail Report

Method Construction ID: 1002608023  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1002608003  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1002608015  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0  
Depth To: 105  
Casing Diameter: 4.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1002608016  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 105  
Depth To: 197  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1002608017  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

## Wells and Additional Sources Detail Report

Pump Test ID: 1002608004  
Pump Set At: 75  
Static Level: 54  
Final Level After Pumping:  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing:

Pump Test Detail ID: 1002608020  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 55  
Test Level UOM: ft

Pump Test Detail ID: 1002608021  
Test Type: Recovery  
Test Duration: 60  
Test Level: 54  
Test Level UOM: ft

Pump Test Detail ID: 1002608018  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 55  
Test Level UOM: ft

Pump Test Detail ID: 1002608019  
Test Type: Recovery  
Test Duration: 5  
Test Level: 54  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Water ID: 1002608013  
 Layer: 2  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 154  
 Water Found Depth UOM: ft

Water ID: 1002608012  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 136  
 Water Found Depth UOM: ft

Water ID: 1002608014  
 Layer: 3  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 174  
 Water Found Depth UOM: ft

Hole ID: 1002608009  
 Diameter: 8  
 Depth From: 0  
 Depth To: 105  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1002608010  
 Diameter: 4  
 Depth From: 105  
 Depth To: 197  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
7	NE	0.02	18.53	417.20	WWIS

Well ID: 7123992	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use: Monitoring	Date Received: 6/8/2009
Sec. Water Use:	Selected Flag: Yes

## Wells and Additional Sources Detail Report

Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z89738	Owner:	
Tag:	A073327	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	018
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:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/712\7123992.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123992.pdf)

Bore Hole ID:	1002457929	Elevation:	420.061645
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	573611
Code OB Desc:		North83:	4846524
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	3/26/2009	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	1002608042
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	

## Wells and Additional Sources Detail Report

Mat3 Desc:

Formation Top Depth: 27  
Formation End Depth: 32  
Formation End Depth UOM: ft

Formation ID: 1002608044  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE

Mat2:

Mat2 Desc:

Mat3:

Mat3 Desc:

Formation Top Depth: 117  
Formation End Depth: 150  
Formation End Depth UOM: ft

Formation ID: 1002608043  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE

Mat2:

Mat2 Desc:

Mat3:

Mat3 Desc:

Formation Top Depth: 32  
Formation End Depth: 117  
Formation End Depth UOM: ft

Formation ID: 1002608041  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY

Mat2:

Mat2 Desc:

Mat3:

Mat3 Desc:

12  
STONES  
84  
SILTY

## Wells and Additional Sources Detail Report

Formation Top Depth: 0  
Formation End Depth: 27  
Formation End Depth UOM: ft

Plug ID: 1002608047  
Layer: 1  
Plug From: 0  
Plug To: 34  
Plug Depth UOM: ft

Method Construction ID: 1002608059  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1002608039  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1002608051  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0  
Depth To: 34  
Casing Diameter: 4.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1002608052  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 34  
Depth To: 150  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

## Wells and Additional Sources Detail Report

Screen ID: 1002608053  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1002608040  
Pump Set At: 25  
Static Level: 8  
Final Level After Pumping: 9  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing:

Pump Test Detail ID: 1002608055  
Test Type: Recovery  
Test Duration: 5  
Test Level: 8  
Test Level UOM: ft

Pump Test Detail ID: 1002608057  
Test Type: Recovery  
Test Duration: 60  
Test Level: 8  
Test Level UOM: ft

Pump Test Detail ID: 1002608054  
Test Type: Draw Down  
Test Duration: 5

## Wells and Additional Sources Detail Report

Test Level: 9  
Test Level UOM: ft

Pump Test Detail ID: 1002608056  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 9  
Test Level UOM: ft

Water ID: 1002608048  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 87  
Water Found Depth UOM: ft

Water ID: 1002608049  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 101  
Water Found Depth UOM: ft

Water ID: 1002608050  
Layer: 3  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 112  
Water Found Depth UOM: ft

Hole ID: 1002608046  
Diameter: 4  
Depth From: 34  
Depth To: 150  
Hole Depth UOM: ft  
Hole Diameter UOM: inch

Hole ID: 1002608045  
Diameter: 8  
Depth From: 0  
Depth To: 34

## Wells and Additional Sources Detail Report

Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
8	NNW	0.02	18.85	398.53	WWIS

Well ID:	6703510	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Livestock	Date Received:	11/19/1969
Sec. Water Use:	Domestic	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3316
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6703510.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6703510.pdf)

Bore Hole ID:	10467647	Elevation:	401.124847
DP2BR:	29	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	573214.3
Code OB Desc:	Bedrock	North83:	4846803
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/24/1969	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:			

## Wells and Additional Sources Detail Report

Formation ID: 932618240  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 29  
Formation End Depth: 55  
Formation End Depth UOM: ft

Formation ID: 932618239  
Layer: 2  
Color:  
General Color:  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 24  
Formation End Depth: 29  
Formation End Depth UOM: ft

Formation ID: 932618238  
Layer: 1  
Color:  
General Color:  
Mat1: 09  
Most Common Material: MEDIUM SAND  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 24  
Formation End Depth UOM: ft

## Wells and Additional Sources Detail Report

Method Construction ID: 966703510  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 11016217  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930760777  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 55  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930760776  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 35  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996703510  
Pump Set At:  
Static Level:  
Final Level After Pumping: 20  
Recommended Pump Depth: 30  
Pumping Rate: 20  
Flowing Rate: 5  
Recommended Pump Rate: 10  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test: 1

## Wells and Additional Sources Detail Report

Code:  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 1  
 Pumping Duration MIN: 0  
 Flowing: Yes

Pump Test Detail ID: 934345718  
 Test Type: Draw Down  
 Test Duration: 15  
 Test Level: 20  
 Test Level UOM: ft

Pump Test Detail ID: 935123267  
 Test Type: Draw Down  
 Test Duration: 60  
 Test Level: 20  
 Test Level UOM: ft

Pump Test Detail ID: 934858478  
 Test Type: Draw Down  
 Test Duration: 45  
 Test Level: 20  
 Test Level UOM: ft

Pump Test Detail ID: 934604289  
 Test Type: Draw Down  
 Test Duration: 30  
 Test Level: 20  
 Test Level UOM: ft

Water ID: 933955998  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 49  
 Water Found Depth UOM: ft

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
9	WNW	0.03	31.20	415.34	WWIS

## Wells and Additional Sources Detail Report

Well ID:	7112769	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	10/9/2008
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7385
Casing Material:		Form Version:	7
Audit No:	Z80651	Owner:	
Tag:	A066875	Street Name:	17 SIDE RD. #9469
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/711\7112769.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7112769.pdf)

Bore Hole ID:	1001832956	Elevation:	416.447113
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572802
Code OB Desc:		North83:	4846516
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	9/22/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	1001929259
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05

## Wells and Additional Sources Detail Report

Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 15  
Formation End Depth UOM: ft

Formation ID: 1001929260  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 28  
Mat2 Desc: SAND  
Mat3: 11  
Mat3 Desc: GRAVEL  
Formation Top Depth: 15  
Formation End Depth: 86  
Formation End Depth UOM: ft

Formation ID: 1001929261  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 26  
Most Common Material: ROCK  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 86  
Formation End Depth: 120  
Formation End Depth UOM: ft

Plug ID: 1001929264  
Layer: 1  
Plug From: 0  
Plug To: 20  
Plug Depth UOM: ft

## Wells and Additional Sources Detail Report

Method Construction ID: 1001929296  
Method Construction Code: 4  
Method Construction: Rotary (Air)  
Other Method Construction:

Pipe ID: 1001929257  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1001929266  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: -2  
Depth To: 86  
Casing Diameter: 6.125  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1001929267  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 86  
Depth To: 120  
Casing Diameter: 6.125  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1001929268  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

## Wells and Additional Sources Detail Report

Pump Test ID: 1001929258  
Pump Set At: 100  
Static Level: 49  
Final Level After Pumping: 66  
Recommended Pump Depth: 100  
Pumping Rate: 12  
Flowing Rate:  
Recommended Pump Rate: 12  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 0  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing:

Pump Test Detail ID: 1001929271  
Test Type: Draw Down  
Test Duration: 2  
Test Level: 59  
Test Level UOM: ft

Pump Test Detail ID: 1001929285  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929279  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929284  
Test Type: Recovery  
Test Duration: 20  
Test Level: 49  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1001929287  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929289  
Test Type: Draw Down  
Test Duration: 40  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929273  
Test Type: Draw Down  
Test Duration: 3  
Test Level: 62  
Test Level UOM: ft

Pump Test Detail ID: 1001929291  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929277  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 65  
Test Level UOM: ft

Pump Test Detail ID: 1001929280  
Test Type: Recovery  
Test Duration: 10  
Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1001929292  
Test Type: Recovery  
Test Duration: 50  
Test Level: 49  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1001929281  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929270  
Test Type: Recovery  
Test Duration: 1  
Test Level: 60  
Test Level UOM: ft

Pump Test Detail ID: 1001929274  
Test Type: Recovery  
Test Duration: 3  
Test Level: 54  
Test Level UOM: ft

Pump Test Detail ID: 1001929278  
Test Type: Recovery  
Test Duration: 5  
Test Level: 50  
Test Level UOM: ft

Pump Test Detail ID: 1001929275  
Test Type: Draw Down  
Test Duration: 4  
Test Level: 64  
Test Level UOM: ft

Pump Test Detail ID: 1001929286  
Test Type: Recovery  
Test Duration: 25  
Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1001929282  
Test Type: Recovery  
Test Duration: 15

## Wells and Additional Sources Detail Report

Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1001929288  
Test Type: Recovery  
Test Duration: 30  
Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1001929283  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929269  
Test Type: Draw Down  
Test Duration: 1  
Test Level: 54  
Test Level UOM: ft

Pump Test Detail ID: 1001929272  
Test Type: Recovery  
Test Duration: 2  
Test Level: 57  
Test Level UOM: ft

Pump Test Detail ID: 1001929294  
Test Type: Recovery  
Test Duration: 60  
Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1001929293  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 66  
Test Level UOM: ft

Pump Test Detail ID: 1001929290

# Wells and Additional Sources Detail Report

Test Type: Recovery  
 Test Duration: 40  
 Test Level: 49  
 Test Level UOM: ft

Pump Test Detail ID: 1001929276  
 Test Type: Recovery  
 Test Duration: 4  
 Test Level: 52  
 Test Level UOM: ft

Water ID: 1001929265  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 12  
 Water Found Depth UOM: ft

Hole ID: 1001929263  
 Diameter: 6.125  
 Depth From: 20  
 Depth To: 120  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1001929262  
 Diameter: 8.75  
 Depth From: 0  
 Depth To: 20  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
10	NW	0.03	34.63	405.62	WWIS

Well ID: 6704165  
 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: 2/11/1972  
 Selected Flag: Yes  
 Abandonment Rec:  
 Contractor: 3316  
 Form Version: 1

## Wells and Additional Sources Detail Report

Audit No:	Owner:	
Tag:	Street Name:	
Construction Method:	County:	WELLINGTON
Elevation (m):	Municipality:	ERIN TOWNSHIP
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	017
Well Depth:	Concession:	08
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6704165.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6704165.pdf)

Bore Hole ID:	10468278	Elevation:	409.529327
DP2BR:	56	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	572944.3
Code OB Desc:	Bedrock	North83:	4846703
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	9/18/1971	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:			

Formation ID:	932620916
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	75
Formation End Depth:	120

## Wells and Additional Sources Detail Report

Formation End Depth      ft  
UOM:

Formation ID:              932620915  
Layer:                      2  
Color:                      2  
General Color:            GREY  
Mat1:                      15  
Most Common Material:   LIMESTONE  
Mat2:                      05  
Mat2 Desc:                CLAY  
Mat3:  
Mat3 Desc:  
Formation Top Depth:    56  
Formation End Depth:    75  
Formation End Depth      ft  
UOM:

Formation ID:              932620914  
Layer:                      1  
Color:  
General Color:  
Mat1:                      05  
Most Common Material:   CLAY  
Mat2:                      12  
Mat2 Desc:                STONES  
Mat3:                      11  
Mat3 Desc:                GRAVEL  
Formation Top Depth:    0  
Formation End Depth:    56  
Formation End Depth      ft  
UOM:

Method Construction ID:  966704165  
Method Construction      2  
Code:  
Method Construction:    Rotary (Convent.)  
Other Method  
Construction:

Pipe ID:                    11016848  
Casing No:                1  
Comment:  
Alt Name:

## Wells and Additional Sources Detail Report

Casing ID: 930761935  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 77  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930761936  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 120  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996704165  
Pump Set At:  
Static Level: 15  
Final Level After Pumping: 24  
Recommended Pump  
Depth: 35  
Pumping Rate: 8  
Flowing Rate:  
Recommended Pump  
Rate: 8  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test  
Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 2  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: No

Pump Test Detail ID: 934347414  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 24  
Test Level UOM: ft

# Wells and Additional Sources Detail Report

Pump Test Detail ID: 934614863  
 Test Type: Draw Down  
 Test Duration: 30  
 Test Level: 24  
 Test Level UOM: ft

Pump Test Detail ID: 935133596  
 Test Type: Draw Down  
 Test Duration: 60  
 Test Level: 24  
 Test Level UOM: ft

Pump Test Detail ID: 934860116  
 Test Type: Draw Down  
 Test Duration: 45  
 Test Level: 24  
 Test Level UOM: ft

Water ID: 933956716  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 116  
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
11	W	0.04	35.28	422.46	WWIS

Well ID:	6713898	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	11/9/2001
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	1
Audit No:	238263	Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08

## Wells and Additional Sources Detail Report

Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6713898.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6713898.pdf)

Bore Hole ID:	10523030	Elevation:	425.772125
DP2BR:	31	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	572873.3
Code OB Desc:	Bedrock	North83:	4846310
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/2/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	932854654
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	42
Formation End Depth:	80
Formation End Depth UOM:	ft

Formation ID:	932854652
Layer:	1
Color:	6
General Color:	BROWN

## Wells and Additional Sources Detail Report

Mat1: 28  
Most Common Material: SAND  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 31  
Formation End Depth UOM: ft

Formation ID: 932854653  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 31  
Formation End Depth: 42  
Formation End Depth UOM: ft

Plug ID: 933224751  
Layer: 1  
Plug From: 0  
Plug To: 35  
Plug Depth UOM: ft

Method Construction ID: 966713898  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 11071600  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930778349

## Wells and Additional Sources Detail Report

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

Casing ID: 930778350  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To:  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996713898  
Pump Set At:  
Static Level: 6  
Final Level After Pumping: 34  
Recommended Pump Depth: 50  
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: 3  
Pumping Duration MIN:  
Flowing: No

Pump Test Detail ID: 934356203  
Test Type: Recovery  
Test Duration: 15  
Test Level: 11  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 935134633  
 Test Type: Recovery  
 Test Duration: 60  
 Test Level: 6  
 Test Level UOM: ft

Pump Test Detail ID: 934612975  
 Test Type: Recovery  
 Test Duration: 30  
 Test Level: 6  
 Test Level UOM: ft

Pump Test Detail ID: 934873580  
 Test Type: Recovery  
 Test Duration: 45  
 Test Level: 6  
 Test Level UOM: ft

Water ID: 934015481  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 76  
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
12	NNW	0.04	42.65	398.53	WWIS

Well ID:	7156326	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	12/10/2010
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	7407
Casing Material:		Form Version:	3
Audit No:	Z50895	Owner:	
Tag:		Street Name:	5570 8TH LINE
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON

## Wells and Additional Sources Detail Report

Pump Rate: Easting NAD83:  
Static Water Level: Northing NAD83:  
Flowing (Y/N): Zone:  
Flow Rate: UTM Reliability:  
Clear/Cloudy:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/715\7156326.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156326.pdf)

Bore Hole ID: 1003435735 Elevation: 401.068756  
DP2BR: Elevrc:  
Spatial Status: Zone: 17  
Code OB: East83: 573195  
Code OB Desc: North83: 4846817  
Open Hole: Org CS: dmi83  
Cluster Kind: UTMRC: 5  
Date Completed: 11/29/2010 UTMRC Desc: margin of error : 100 m - 300 m  
Remarks: Location Method: wwr  
Elevrc Desc:  
Location Source Date:  
Improvement Location  
Source:  
Improvement Location  
Method:  
Source Revision  
Comment:  
Supplier Comment:

Method Construction ID: 1003436666  
Method Construction Code: 6  
Method Construction: Boring  
Other Method Construction:

Pipe ID: 1003436657  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1003436663  
Layer: 1  
Material: 2  
Open Hole or Material: GALVANIZED  
Depth From: 0  
Depth To: 21.2  
Casing Diameter: 36

## Wells and Additional Sources Detail Report

Casing Diameter UOM: cm  
Casing Depth UOM: m

Screen ID: 1003436664  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: m  
Screen Diameter UOM: cm  
Screen Diameter:

Pump Test ID: 1003436658  
Pump Set At:  
Static Level: 18.9  
Final Level After Pumping:  
Recommended Pump  
Depth:  
Pumping Rate:  
Flowing Rate:  
Recommended Pump  
Rate:  
Levels UOM: m  
Rate UOM: LPM  
Water State After Test  
Code: 0  
Water State After Test:  
Pumping Test Method: 0  
Pumping Duration HR:  
Pumping Duration MIN:  
Flowing:

Water ID: 1003436662  
Layer:  
Kind Code:  
Kind:  
Water Found Depth:  
Water Found Depth UOM: m

Hole ID: 1003436660  
Diameter: 36  
Depth From: 0  
Depth To: 21.2  
Hole Depth UOM: m

# Wells and Additional Sources Detail Report

Hole Diameter UOM: cm

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
13	E	0.05	49.69	443.02	WWIS

Well ID:	7221975	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	6/16/2014
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z181424	Owner:	
Tag:	A133138	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/722\7221975.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/722\7221975.pdf)

Bore Hole ID:	1004838280	Elevation:	445.291564
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	573962
Code OB Desc:		North83:	4846201
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/29/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

## Wells and Additional Sources Detail Report

Formation ID: 1005194020  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 06  
Most Common Material: SILT  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 81  
Formation End Depth UOM: ft

Formation ID: 1005194021  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 06  
Most Common Material: SILT  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3: 12  
Mat3 Desc: STONES  
Formation Top Depth: 81  
Formation End Depth: 200  
Formation End Depth UOM: ft

Formation ID: 1005194022  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 200  
Formation End Depth: 214  
Formation End Depth UOM: ft

## Wells and Additional Sources Detail Report

Plug ID: 1005194057  
Layer: 1  
Plug From: 0  
Plug To: 202  
Plug Depth UOM: ft

Method Construction ID: 1005194056  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1005194018  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1005194026  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0  
Depth To: 202  
Casing Diameter: 6.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1005194027  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 202  
Depth To: 214  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1005194028  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:

## Wells and Additional Sources Detail Report

Screen Material:

Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1005194019  
Pump Set At: 150  
Static Level: 130  
Final Level After Pumping: 135  
Recommended Pump Depth: 150  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing:

Pump Test Detail ID: 1005194045  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 134  
Test Level UOM: ft

Pump Test Detail ID: 1005194051  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 135  
Test Level UOM: ft

Pump Test Detail ID: 1005194050  
Test Type: Recovery  
Test Duration: 40  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194052

## Wells and Additional Sources Detail Report

Test Type: Recovery  
Test Duration: 50  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194039  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 132  
Test Level UOM: ft

Pump Test Detail ID: 1005194033  
Test Type: Draw Down  
Test Duration: 3  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194047  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 135  
Test Level UOM: ft

Pump Test Detail ID: 1005194042  
Test Type: Recovery  
Test Duration: 15  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194043  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 134  
Test Level UOM: ft

Pump Test Detail ID: 1005194044  
Test Type: Recovery  
Test Duration: 20  
Test Level: 130  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1005194053  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 135  
Test Level UOM: ft

Pump Test Detail ID: 1005194029  
Test Type: Draw Down  
Test Duration: 1  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194041  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 132  
Test Level UOM: ft

Pump Test Detail ID: 1005194048  
Test Type: Recovery  
Test Duration: 30  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194030  
Test Type: Recovery  
Test Duration: 1  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194037  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 132  
Test Level UOM: ft

Pump Test Detail ID: 1005194031  
Test Type: Draw Down  
Test Duration: 2  
Test Level: 130

## Wells and Additional Sources Detail Report

Test Level UOM: ft

Pump Test Detail ID: 1005194034  
Test Type: Recovery  
Test Duration: 3  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194054  
Test Type: Recovery  
Test Duration: 60  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194035  
Test Type: Draw Down  
Test Duration: 4  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194032  
Test Type: Recovery  
Test Duration: 2  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194046  
Test Type: Recovery  
Test Duration: 25  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194040  
Test Type: Recovery  
Test Duration: 10  
Test Level: 130  
Test Level UOM: ft

Pump Test Detail ID: 1005194036  
Test Type: Recovery



## Wells and Additional Sources Detail Report

Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	12/10/2010
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	0	Abandonment Rec:	
Water Type:		Contractor:	7407
Casing Material:		Form Version:	3
Audit No:	Z50894	Owner:	
Tag:	A095369	Street Name:	WELLINGTON
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/715\7156327.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156327.pdf)

Bore Hole ID:	1003435737	Elevation:	400.561676
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	573194
Code OB Desc:		North83:	4846835
Open Hole:		Org CS:	dmi83
Cluster Kind:		UTMRC:	5
Date Completed:		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Method Construction ID:	1003436676
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Wells and Additional Sources Detail Report

Pipe ID: 1003436668  
 Casing No: 0  
 Comment:  
 Alt Name:

Casing ID: 1003436673  
 Layer: 1  
 Material: 1  
 Open Hole or Material: STEEL  
 Depth From: -2  
 Depth To: 7  
 Casing Diameter: 5  
 Casing Diameter UOM: cm  
 Casing Depth UOM: m

Screen ID: 1003436674  
 Layer:  
 Slot:  
 Screen Top Depth:  
 Screen End Depth:  
 Screen Material:  
 Screen Depth UOM: m  
 Screen Diameter UOM: cm  
 Screen Diameter:

Water ID: 1003436672  
 Layer:  
 Kind Code:  
 Kind:  
 Water Found Depth:  
 Water Found Depth UOM: m

Hole ID: 1003436670  
 Diameter: 5  
 Depth From: 0  
 Depth To: 7  
 Hole Depth UOM: m  
 Hole Diameter UOM: cm

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
15	NW	0.06	62.09	403.81	WWIS

## Wells and Additional Sources Detail Report

Well ID:	7288614	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	6/20/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z250142	Owner:	
Tag:	A205311	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole ID:	1006560763	Elevation:	406.309875
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572886
Code OB Desc:		North83:	4846719
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/23/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	1006796112
Layer:	3
Color:	6
General Color:	BROWN

## Wells and Additional Sources Detail Report

Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 65  
Formation End Depth: 124  
Formation End Depth UOM: ft

Formation ID: 1006796110  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 43  
Formation End Depth UOM: ft

Formation ID: 1006796111  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 43  
Formation End Depth: 65  
Formation End Depth UOM: ft

Plug ID: 1006796147  
Layer: 1  
Plug From: 0  
Plug To: 69  
Plug Depth UOM: ft

## Wells and Additional Sources Detail Report

Method Construction ID: 1006796146  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1006796108  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1006796116  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0  
Depth To: 69  
Casing Diameter: 6.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1006796117  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 69  
Depth To: 124  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1006796118  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

## Wells and Additional Sources Detail Report

Pump Test ID: 1006796109  
Pump Set At: 80  
Static Level: 18  
Final Level After Pumping: 61  
Recommended Pump Depth: 80  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing:

Pump Test Detail ID: 1006796135  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1006796128  
Test Type: Recovery  
Test Duration: 5  
Test Level: 22  
Test Level UOM: ft

Pump Test Detail ID: 1006796137  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1006796121  
Test Type: Draw Down  
Test Duration: 2  
Test Level: 27  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1006796129  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1006796131  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 59  
Test Level UOM: ft

Pump Test Detail ID: 1006796120  
Test Type: Recovery  
Test Duration: 1  
Test Level: 52  
Test Level UOM: ft

Pump Test Detail ID: 1006796141  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1006796143  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1006796136  
Test Type: Recovery  
Test Duration: 25  
Test Level: 18  
Test Level UOM: ft

Pump Test Detail ID: 1006796138  
Test Type: Recovery  
Test Duration: 30  
Test Level: 18

## Wells and Additional Sources Detail Report

Test Level UOM: ft

Pump Test Detail ID: 1006796130  
Test Type: Recovery  
Test Duration: 10  
Test Level: 19  
Test Level UOM: ft

Pump Test Detail ID: 1006796119  
Test Type: Draw Down  
Test Duration: 1  
Test Level: 23  
Test Level UOM: ft

Pump Test Detail ID: 1006796133  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 60  
Test Level UOM: ft

Pump Test Detail ID: 1006796134  
Test Type: Recovery  
Test Duration: 20  
Test Level: 18  
Test Level UOM: ft

Pump Test Detail ID: 1006796125  
Test Type: Draw Down  
Test Duration: 4  
Test Level: 36  
Test Level UOM: ft

Pump Test Detail ID: 1006796126  
Test Type: Recovery  
Test Duration: 4  
Test Level: 28  
Test Level UOM: ft

Pump Test Detail ID: 1006796122  
Test Type: Recovery

## Wells and Additional Sources Detail Report

Test Duration: 2  
Test Level: 43  
Test Level UOM: ft

Pump Test Detail ID: 1006796132  
Test Type: Recovery  
Test Duration: 15  
Test Level: 18  
Test Level UOM: ft

Pump Test Detail ID: 1006796124  
Test Type: Recovery  
Test Duration: 3  
Test Level: 36  
Test Level UOM: ft

Pump Test Detail ID: 1006796144  
Test Type: Recovery  
Test Duration: 60  
Test Level: 18  
Test Level UOM: ft

Pump Test Detail ID: 1006796123  
Test Type: Draw Down  
Test Duration: 3  
Test Level: 32  
Test Level UOM: ft

Pump Test Detail ID: 1006796139  
Test Type: Draw Down  
Test Duration: 40  
Test Level: 61  
Test Level UOM: ft

Pump Test Detail ID: 1006796140  
Test Type: Recovery  
Test Duration: 40  
Test Level: 18  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1006796127  
 Test Type: Draw Down  
 Test Duration: 5  
 Test Level: 39  
 Test Level UOM: ft

Pump Test Detail ID: 1006796142  
 Test Type: Recovery  
 Test Duration: 50  
 Test Level: 18  
 Test Level UOM: ft

Water ID: 1006796115  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 18  
 Water Found Depth UOM: ft

Hole ID: 1006796114  
 Diameter: 6  
 Depth From: 69  
 Depth To: 124  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1006796113  
 Diameter: 8.75  
 Depth From: 0  
 Depth To: 69  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
16	E	0.08	75.54	441.56	WWIS

Well ID: 6704818  
 Construction Date:  
 Primary Water Use: Domestic  
 Sec. Water Use: 0  
 Final Well Status: Water Supply  
 Water Type:

Data Entry Status:  
 Data Src: 1  
 Date Received: 10/25/1973  
 Selected Flag: Yes  
 Abandonment Rec:  
 Contractor: 4320

## Wells and Additional Sources Detail Report

Casing Material:	Form Version:	1
Audit No:	Owner:	
Tag:	Street Name:	
Construction Method:	County:	WELLINGTON
Elevation (m):	Municipality:	ERIN TOWNSHIP
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot:	015
Well Depth:	Concession:	08
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6704818.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6704818.pdf)

Bore Hole ID:	10468925	Elevation:	444.059417
DP2BR:	69	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	573987.2
Code OB Desc:	Bedrock	North83:	4846191
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/17/1973	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:			

Formation ID:	932623646
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	69

## Wells and Additional Sources Detail Report

Formation End Depth: 98  
Formation End Depth  
UOM: ft

Formation ID: 932623644  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 2  
Formation End Depth  
UOM: ft

Formation ID: 932623645  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 2  
Formation End Depth: 69  
Formation End Depth  
UOM: ft

Method Construction ID: 966704818  
Method Construction  
Code: 2  
Method Construction: Rotary (Convent.)  
Other Method  
Construction:

Pipe ID: 11017495  
Casing No: 1  
Comment:  
Alt Name:

## Wells and Additional Sources Detail Report

Casing ID: 930763066  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 72  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930763067  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 98  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996704818  
Pump Set At:  
Static Level: 27  
Final Level After Pumping: 35  
Recommended Pump  
Depth: 50  
Pumping Rate: 8  
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: 3  
Pumping Duration MIN: 30  
Flowing: No

Pump Test Detail ID: 935134761  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 35  
Test Level UOM: ft

# Wells and Additional Sources Detail Report

Pump Test Detail ID: 934349574  
 Test Type: Draw Down  
 Test Duration: 15  
 Test Level: 35  
 Test Level UOM: ft

Pump Test Detail ID: 934616582  
 Test Type: Draw Down  
 Test Duration: 30  
 Test Level: 35  
 Test Level UOM: ft

Pump Test Detail ID: 934870423  
 Test Type: Draw Down  
 Test Duration: 45  
 Test Level: 35  
 Test Level UOM: ft

Water ID: 933957532  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 98  
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
17	N	0.08	78.27	395.56	WWIS

Well ID:	6711560	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	11/10/1994
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2663
Casing Material:		Form Version:	1
Audit No:	141439	Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017

## Wells and Additional Sources Detail Report

Well Depth:	Concession:	08
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6711560.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6711560.pdf)

Bore Hole ID:	10475393	Elevation:	396.828063
DP2BR:	29	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	573227.3
Code OB Desc:	Bedrock	North83:	4846908
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	3
Date Completed:	9/2/1994	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:			

Formation ID:	932653157
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Formation ID:	932653159
Layer:	3
Color:	2

## Wells and Additional Sources Detail Report

General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 29  
Formation End Depth: 103  
Formation End Depth UOM: ft

Formation ID: 932653158  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3: 12  
Mat3 Desc: STONES  
Formation Top Depth: 1  
Formation End Depth: 29  
Formation End Depth UOM: ft

Method Construction ID: 966711560  
Method Construction Code: 4  
Method Construction: Rotary (Air)  
Other Method Construction:

Pipe ID: 11023963  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930774327  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 29  
Casing Diameter: 8

## Wells and Additional Sources Detail Report

Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930774328  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 103  
Casing Diameter: 8  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996711560  
Pump Set At:  
Static Level: 7  
Final Level After Pumping: 40  
Recommended Pump Depth: 40  
Pumping Rate: 40  
Flowing Rate:  
Recommended Pump Rate: 40  
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:  
Flowing: No

Pump Test Detail ID: 934875094  
Test Type: Recovery  
Test Duration: 45  
Test Level: 7  
Test Level UOM: ft

Pump Test Detail ID: 934349340  
Test Type: Recovery  
Test Duration: 15  
Test Level: 7  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 935136076  
Test Type: Recovery  
Test Duration: 60  
Test Level: 7  
Test Level UOM: ft

Pump Test Detail ID: 934614071  
Test Type: Recovery  
Test Duration: 30  
Test Level: 7  
Test Level UOM: ft

Water ID: 933965568  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 50  
Water Found Depth UOM: ft

Water ID: 933965571  
Layer: 4  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 103  
Water Found Depth UOM: ft

Water ID: 933965569  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 60  
Water Found Depth UOM: ft

Water ID: 933965570  
Layer: 3  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 78  
Water Found Depth UOM: ft

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
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## Wells and Additional Sources Detail Report

18	WNW	0.09	85.95	415.55	WWIS
Well ID:	7101400	Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use:	Domestic	Date Received:	1/30/2008		
Sec. Water Use:		Selected Flag:	Yes		
Final Well Status:	Water Supply	Abandonment Rec:			
Water Type:		Contractor:	2663		
Casing Material:		Form Version:	4		
Audit No:	Z79473	Owner:			
Tag:	A056198	Street Name:	9465 17TH SO.RO.		
Construction Method:		County:	WELLINGTON		
Elevation (m):		Municipality:	ERIN TOWNSHIP		
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:	017		
Well Depth:		Concession:	08		
Overburden/Bedrock:		Concession Name:	CON		
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
PDF URL (Map):					
Bore Hole ID:	1001483101	Elevation:	416.444122		
DP2BR:		Elevrc:			
Spatial Status:		Zone:	17		
Code OB:		East83:	572720		
Code OB Desc:		North83:	4846501		
Open Hole:	Yes	Org CS:	UTM83		
Cluster Kind:		UTMRC:	3		
Date Completed:	1/4/2008	UTMRC Desc:	margin of error : 10 - 30 m		
Remarks:		Location Method:	wwr		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Formation ID:	1001538559				
Layer:	3				
Color:	2				

## Wells and Additional Sources Detail Report

General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3: 71  
Mat3 Desc: FRACTURED  
Formation Top Depth: 74  
Formation End Depth: 94  
Formation End Depth UOM: ft

Formation ID: 1001538557  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 18  
Formation End Depth UOM: ft

Formation ID: 1001538561  
Layer: 5  
Color:  
General Color:  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 95  
Formation End Depth: 120  
Formation End Depth UOM: ft

Formation ID: 1001538562  
Layer: 6  
Color:  
General Color:

## Wells and Additional Sources Detail Report

Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3: 65  
Mat3 Desc: DARK-COLOURED  
Formation Top Depth: 120  
Formation End Depth: 144  
Formation End Depth UOM: ft

Formation ID: 1001538560  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 94  
Formation End Depth: 95  
Formation End Depth UOM: ft

Formation ID: 1001538558  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3: 12  
Mat3 Desc: STONES  
Formation Top Depth: 18  
Formation End Depth: 74  
Formation End Depth UOM: ft

Plug ID: 1001538564  
Layer: 1  
Plug From: 0  
Plug To: 6.09  
Plug Depth UOM: ft

## Wells and Additional Sources Detail Report

Method Construction ID: 1001538592  
Method Construction Code: 4  
Method Construction: Rotary (Air)  
Other Method Construction:

Pipe ID: 1001538555  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1001538566  
Layer:  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 74  
Casing Diameter: 15.67  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1001538567  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1001538556  
Pump Set At: 120  
Static Level: 44.6  
Final Level After Pumping: 48  
Recommended Pump Depth: 120  
Pumping Rate: 15  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM: ft  
Rate UOM: GPM

## Wells and Additional Sources Detail Report

Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 4  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: No

Pump Test Detail ID: 1001538575  
Test Type: Recovery  
Test Duration: 4  
Test Level: 62.1  
Test Level UOM: ft

Pump Test Detail ID: 1001538581  
Test Type: Recovery  
Test Duration: 15  
Test Level: 48.8  
Test Level UOM: ft

Pump Test Detail ID: 1001538572  
Test Type: Draw Down  
Test Duration: 3  
Test Level: 62.9  
Test Level UOM: ft

Pump Test Detail ID: 1001538569  
Test Type: Recovery  
Test Duration: 1  
Test Level: 69.2  
Test Level UOM: ft

Pump Test Detail ID: 1001538574  
Test Type: Draw Down  
Test Duration: 4  
Test Level: 65.7  
Test Level UOM: ft

Pump Test Detail ID: 1001538578  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 76.7

## Wells and Additional Sources Detail Report

Test Level UOM: ft

Pump Test Detail ID: 1001538568  
Test Type: Draw Down  
Test Duration: 1  
Test Level: 45  
Test Level UOM: ft

Pump Test Detail ID: 1001538580  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 73  
Test Level UOM: ft

Pump Test Detail ID: 1001538590  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 76  
Test Level UOM: ft

Pump Test Detail ID: 1001538584  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 71.4  
Test Level UOM: ft

Pump Test Detail ID: 1001538571  
Test Type: Recovery  
Test Duration: 2  
Test Level: 67.5  
Test Level UOM: ft

Pump Test Detail ID: 1001538579  
Test Type: Recovery  
Test Duration: 10  
Test Level: 49  
Test Level UOM: ft

Pump Test Detail ID: 1001538588  
Test Type: Draw Down

## Wells and Additional Sources Detail Report

Test Duration: 50  
Test Level: 75  
Test Level UOM: ft

Pump Test Detail ID: 1001538587  
Test Type: Recovery  
Test Duration: 40  
Test Level: 46.2  
Test Level UOM: ft

Pump Test Detail ID: 1001538585  
Test Type: Recovery  
Test Duration: 30  
Test Level: 48.1  
Test Level UOM: ft

Pump Test Detail ID: 1001538583  
Test Type: Recovery  
Test Duration: 25  
Test Level: 48.1  
Test Level UOM: ft

Pump Test Detail ID: 1001538576  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 71.1  
Test Level UOM: ft

Pump Test Detail ID: 1001538582  
Test Type: Recovery  
Test Duration: 20  
Test Level: 48.5  
Test Level UOM: ft

Pump Test Detail ID: 1001538570  
Test Type: Draw Down  
Test Duration: 2  
Test Level: 57.5  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1001538573  
 Test Type: Recovery  
 Test Duration: 3  
 Test Level: 65.9  
 Test Level UOM: ft

Pump Test Detail ID: 1001538577  
 Test Type: Recovery  
 Test Duration: 5  
 Test Level: 51.8  
 Test Level UOM: ft

Pump Test Detail ID: 1001538586  
 Test Type: Draw Down  
 Test Duration: 40  
 Test Level: 74.5  
 Test Level UOM: ft

Pump Test Detail ID: 1001538589  
 Test Type: Recovery  
 Test Duration: 50  
 Test Level: 44.6  
 Test Level UOM: ft

Water ID: 1001538565  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 43.89  
 Water Found Depth UOM: ft

Hole ID: 1001538563  
 Diameter: 25.4  
 Depth From:  
 Depth To: 43.89  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
19	ENE	0.09	86.56	422.00	WWIS

## Wells and Additional Sources Detail Report

Well ID:	6700766	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Commerical	Date Received:	5/27/1963
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3316
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN VILLAGE
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6700766.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700766.pdf)

Bore Hole ID:	10464912	Elevation:	423.960052
DP2BR:	138	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	573727.3
Code OB Desc:	Bedrock	North83:	4846509
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	4/25/1963	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:			

Formation ID:	932606004
Layer:	1
Color:	
General Color:	
Mat1:	05

## Wells and Additional Sources Detail Report

Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 138  
Formation End Depth UOM: ft

Formation ID: 932606005  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 138  
Formation End Depth: 218  
Formation End Depth UOM: ft

Method Construction ID: 966700766  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

Pipe ID: 11013482  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930755592  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 142  
Casing Diameter: 4  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

# Wells and Additional Sources Detail Report

Casing ID: 930755593  
 Layer: 2  
 Material: 4  
 Open Hole or Material: OPEN HOLE  
 Depth From:  
 Depth To: 218  
 Casing Diameter: 4  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

Pump Test ID: 996700766  
 Pump Set At:  
 Static Level: 53  
 Final Level After Pumping: 55  
 Recommended Pump Depth: 90  
 Pumping Rate: 10  
 Flowing Rate:  
 Recommended Pump Rate: 12  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 1  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 2  
 Pumping Duration MIN: 0  
 Flowing: No

Water ID: 933952901  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 217  
 Water Found Depth UOM: ft

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
20	WNW	0.09	88.39	408.50	WWIS

Well ID: 6706595      Data Entry Status:  
 Construction Date:      Data Src: 1  
 Primary Water Use: Domestic      Date Received: 1/5/1978  
 Sec. Water Use: 0      Selected Flag: Yes

## Wells and Additional Sources Detail Report

Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3317
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/670\6706595.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6706595.pdf)

Bore Hole ID:	10470671	Elevation:	412.098632
DP2BR:	70	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	572814.2
Code OB Desc:	Bedrock	North83:	4846623
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/4/1977	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:			

Formation ID:	932631613
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	

## Wells and Additional Sources Detail Report

Mat3 Desc:

Formation Top Depth: 70  
Formation End Depth: 116  
Formation End Depth  
UOM: ft

Formation ID: 932631612

Layer: 1

Color:

General Color:

Mat1: 05

Most Common Material: CLAY

Mat2: 12

Mat2 Desc: STONES

Mat3:

Mat3 Desc:

Formation Top Depth: 0

Formation End Depth: 70

Formation End Depth  
UOM: ft

Method Construction ID: 966706595

Method Construction  
Code: 2

Method Construction: Rotary (Convent.)

Other Method  
Construction:

Pipe ID: 11019241

Casing No: 1

Comment:

Alt Name:

Casing ID: 930765878

Layer: 2

Material: 4

Open Hole or Material: OPEN HOLE

Depth From:

Depth To: 116

Casing Diameter: 5

Casing Diameter UOM: inch

Casing Depth UOM: ft

Casing ID: 930765877

Layer: 1

# Wells and Additional Sources Detail Report

Material: 1  
 Open Hole or Material: STEEL  
 Depth From:  
 Depth To: 82  
 Casing Diameter: 5  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

Pump Test ID: 996706595  
 Pump Set At:  
 Static Level: 22  
 Final Level After Pumping: 30  
 Recommended Pump Depth: 60  
 Pumping Rate: 9  
 Flowing Rate:  
 Recommended Pump Rate: 9  
 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: No

Pump Test Detail ID: 935130443  
 Test Type: Draw Down  
 Test Duration: 60  
 Test Level: 30  
 Test Level UOM: ft

Water ID: 933959570  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 105  
 Water Found Depth UOM: ft

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
21	WNW	0.11	105.09	413.87	WWIS

Well ID: 7110312 Data Entry Status:

## Wells and Additional Sources Detail Report

Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	8/25/2008
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2663
Casing Material:		Form Version:	7
Audit No:	Z83937	Owner:	
Tag:	A056242	Street Name:	17TH SIDE RD. BOX 9467
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	004
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/711\7110312.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7110312.pdf)

Bore Hole ID:	1001754966	Elevation:	415.3367
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572737
Code OB Desc:		North83:	4846553
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	7/30/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision			
Comment:			
Supplier Comment:			

Formation ID:	1001832106
Layer:	7
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

## Wells and Additional Sources Detail Report

Mat2:

Mat2 Desc:

Mat3:

Mat3 Desc:

Formation Top Depth: 95  
Formation End Depth: 115  
Formation End Depth UOM: ft

Formation ID: 1001832101

Layer: 2

Color: 2

General Color: GREY

Mat1: 15

Most Common Material: LIMESTONE

Mat2:

Mat2 Desc:

Mat3: 74

Mat3 Desc: LAYERED

Formation Top Depth: 32

Formation End Depth: 37

Formation End Depth UOM: ft

Formation ID: 1001832103

Layer: 4

Color: 6

General Color: BROWN

Mat1: 28

Most Common Material: SAND

Mat2:

Mat2 Desc:

Mat3:

Mat3 Desc:

Formation Top Depth: 55

Formation End Depth: 75

Formation End Depth UOM: ft

Formation ID: 1001832107

Layer: 8

Color: 6

General Color: BROWN

Mat1:

Most Common Material:

Mat2:

## Wells and Additional Sources Detail Report

Mat2 Desc:

Mat3:

Mat3 Desc:

Formation Top Depth: 115

Formation End Depth:

Formation End Depth ft

UOM:

Formation ID: 1001832105

Layer: 6

Color: 2

General Color: GREY

Mat1: 15

Most Common Material: LIMESTONE

Mat2:

Mat2 Desc:

Mat3: 71

Mat3 Desc: FRACTURED

Formation Top Depth: 79

Formation End Depth: 95

Formation End Depth ft

UOM:

Formation ID: 1001832104

Layer: 5

Color: 2

General Color: GREY

Mat1: 11

Most Common Material: GRAVEL

Mat2:

Mat2 Desc:

Mat3:

Mat3 Desc:

Formation Top Depth: 75

Formation End Depth: 79

Formation End Depth ft

UOM:

Formation ID: 1001832100

Layer: 1

Color: 6

General Color: BROWN

Mat1: 05

Most Common Material: CLAY

Mat2: 12

Mat2 Desc: STONES

## Wells and Additional Sources Detail Report

Mat3: 11  
Mat3 Desc: GRAVEL  
Formation Top Depth: 0  
Formation End Depth: 32  
Formation End Depth UOM: ft

Formation ID: 1001832102  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2: 28  
Mat2 Desc: SAND  
Mat3: 05  
Mat3 Desc: CLAY  
Formation Top Depth: 37  
Formation End Depth: 55  
Formation End Depth UOM: ft

Plug ID: 1001832110  
Layer: 1  
Plug From: 0  
Plug To: 20  
Plug Depth UOM: ft

Method Construction ID: 1001832135  
Method Construction Code: 4  
Method Construction: Rotary (Air)  
Other Method Construction:

Pipe ID: 1001832098  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1001832112  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: -2

## Wells and Additional Sources Detail Report

Depth To: 80  
Casing Diameter: 6.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1001832113  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 80  
Depth To: 115  
Casing Diameter: 6.25  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1001832114  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM:  
Screen Diameter UOM:  
Screen Diameter:

Pump Test ID: 1001832099  
Pump Set At: 100  
Static Level: 45.3  
Final Level After Pumping: 47.9  
Recommended Pump  
Depth: 80  
Pumping Rate: 20  
Flowing Rate:  
Recommended Pump  
Rate: 20  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test  
Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 0  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing: No

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1001832123  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 47.4  
Test Level UOM: ft

Pump Test Detail ID: 1001832116  
Test Type: Recovery  
Test Duration: 1  
Test Level: 46.4  
Test Level UOM: ft

Pump Test Detail ID: 1001832115  
Test Type: Draw Down  
Test Duration: 1  
Test Level: 46.6  
Test Level UOM: ft

Pump Test Detail ID: 1001832127  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 47.6  
Test Level UOM: ft

Pump Test Detail ID: 1001832125  
Test Type: Draw Down  
Test Duration: 10  
Test Level: 47.6  
Test Level UOM: ft

Pump Test Detail ID: 1001832126  
Test Type: Recovery  
Test Duration: 10  
Test Level: 45.2  
Test Level UOM: ft

Pump Test Detail ID: 1001832132  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 47.9  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 1001832119  
Test Type: Draw Down  
Test Duration: 3  
Test Level: 47.3  
Test Level UOM: ft

Pump Test Detail ID: 1001832131  
Test Type: Draw Down  
Test Duration: 40  
Test Level: 47.9  
Test Level UOM: ft

Pump Test Detail ID: 1001832120  
Test Type: Recovery  
Test Duration: 3  
Test Level: 46.2  
Test Level UOM: ft

Pump Test Detail ID: 1001832130  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 47.8  
Test Level UOM: ft

Pump Test Detail ID: 1001832118  
Test Type: Recovery  
Test Duration: 2  
Test Level: 46.2  
Test Level UOM: ft

Pump Test Detail ID: 1001832121  
Test Type: Draw Down  
Test Duration: 4  
Test Level: 47.4  
Test Level UOM: ft

Pump Test Detail ID: 1001832117  
Test Type: Draw Down  
Test Duration: 2

## Wells and Additional Sources Detail Report

Test Level: 46.8  
Test Level UOM: ft

Pump Test Detail ID: 1001832128  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 47.7  
Test Level UOM: ft

Pump Test Detail ID: 1001832124  
Test Type: Recovery  
Test Duration: 5  
Test Level: 45.7  
Test Level UOM: ft

Pump Test Detail ID: 1001832133  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 47.9  
Test Level UOM: ft

Pump Test Detail ID: 1001832122  
Test Type: Recovery  
Test Duration: 4  
Test Level: 45.9  
Test Level UOM: ft

Pump Test Detail ID: 1001832129  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 47.8  
Test Level UOM: ft

Water ID: 1001832111  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 115  
Water Found Depth UOM: ft

## Wells and Additional Sources Detail Report

Hole ID: 1001832109  
 Diameter: 6.25  
 Depth From: 20  
 Depth To: 115  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1001832108  
 Diameter: 10  
 Depth From: 0  
 Depth To: 20  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
22	NW	0.14	144.85	399.06	WWIS

Well ID:	7268298	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	8/10/2016
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Other Status	Abandonment Rec:	
Water Type:		Contractor:	7407
Casing Material:		Form Version:	7
Audit No:	Z216896	Owner:	
Tag:	A161195	Street Name:	5588 8TH LINE
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	018
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/726\7268298.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7268298.pdf)

Bore Hole ID:	1006195831	Elevation:	399.423156
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572758

## Wells and Additional Sources Detail Report

Code OB Desc: North83: 4846874  
Open Hole: Org CS: UTM83  
Cluster Kind: UTMRC: 3  
Date Completed: 5/16/2016 UTMRC Desc: margin of error : 10 - 30 m  
Remarks: Location Method: gis  
Elevrc Desc:  
Location Source Date:  
Improvement Location  
Source:  
Improvement Location  
Method:  
Source Revision  
Comment:  
Supplier Comment:

Plug ID: 1006196744  
Layer: 1  
Plug From:  
Plug To:  
Plug Depth UOM: ft

Method Construction ID: 1006196743  
Method Construction  
Code: 2  
Method Construction: Rotary (Convent.)  
Other Method  
Construction:

Pipe ID: 1006196736  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1006196740  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: -1.5  
Depth To: 6  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1006196741  
Layer:

# Wells and Additional Sources Detail Report

Slot:  
 Screen Top Depth:  
 Screen End Depth:  
 Screen Material:  
 Screen Depth UOM: ft  
 Screen Diameter UOM: inch  
 Screen Diameter:

Water ID: 1006196739  
 Layer:  
 Kind Code:  
 Kind:  
 Water Found Depth:  
 Water Found Depth UOM: ft

Hole ID: 1006196738  
 Diameter:  
 Depth From:  
 Depth To:  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
23	W	0.16	155.74	416.70	WWIS

Well ID:	7266478	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	7/18/2016
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	2576
Casing Material:		Form Version:	7
Audit No:	Z227731	Owner:	
Tag:	A202051	Street Name:	9457 SIDE RD 17
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	017
Well Depth:		Concession:	08
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	

## Wells and Additional Sources Detail Report

Clear/Cloudy:

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/726\7266478.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7266478.pdf)

Bore Hole ID:	1006142075	Elevation:	417.235839
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572625
Code OB Desc:		North83:	4846409
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/13/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Formation ID:	1006149163
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	76
Formation End Depth:	96
Formation End Depth UOM:	ft

Formation ID:	1006149159
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	

## Wells and Additional Sources Detail Report

Mat3 Desc:

Formation Top Depth: 0  
Formation End Depth: 16  
Formation End Depth UOM: ft

Formation ID: 1006149160

Layer: 2  
Color: 6  
General Color: BROWN

Mat1: 28  
Most Common Material: SAND

Mat2: 11  
Mat2 Desc: GRAVEL

Mat3:

Mat3 Desc:

Formation Top Depth: 16  
Formation End Depth: 54  
Formation End Depth UOM: ft

Formation ID: 1006149161

Layer: 3  
Color: 2  
General Color: GREY

Mat1: 28  
Most Common Material: SAND

Mat2: 11  
Mat2 Desc: GRAVEL

Mat3:

Mat3 Desc:

Formation Top Depth: 54  
Formation End Depth: 60  
Formation End Depth UOM: ft

Formation ID: 1006149162

Layer: 4  
Color: 6  
General Color: BROWN

Mat1: 05  
Most Common Material: CLAY

Mat2: 11  
Mat2 Desc: GRAVEL

Mat3:

Mat3 Desc:

## Wells and Additional Sources Detail Report

Formation Top Depth: 60  
Formation End Depth: 76  
Formation End Depth UOM: ft

Plug ID: 1006149189  
Layer: 1  
Plug From: 0  
Plug To: 20  
Plug Depth UOM: ft

Method Construction ID: 1006149188  
Method Construction Code: B  
Method Construction: Other Method  
Other Method Construction: AIR, DR

Pipe ID: 1006149157  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1006149168  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: -3  
Depth To: 77  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1006149169  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 77  
Depth To: 96  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

## Wells and Additional Sources Detail Report

Screen ID: 1006149170  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1006149158  
Pump Set At: 25  
Static Level: 4  
Final Level After Pumping: 9  
Recommended Pump Depth: 45  
Pumping Rate: 6  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing: No

Pump Test Detail ID: 1006149171  
Test Type: Recovery  
Test Duration: 5  
Test Level: 6.5  
Test Level UOM: ft

Pump Test Detail ID: 1006149186  
Test Type: Recovery  
Test Duration: 60  
Test Level: 4.1  
Test Level UOM: ft

Pump Test Detail ID: 1006149176  
Test Type: Recovery  
Test Duration: 20

## Wells and Additional Sources Detail Report

Test Level: 5.3  
Test Level UOM: ft

Pump Test Detail ID: 1006149174  
Test Type: Recovery  
Test Duration: 15  
Test Level: 5.6  
Test Level UOM: ft

Pump Test Detail ID: 1006149175  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 7.8  
Test Level UOM: ft

Pump Test Detail ID: 1006149178  
Test Type: Recovery  
Test Duration: 25  
Test Level: 5.1  
Test Level UOM: ft

Pump Test Detail ID: 1006149180  
Test Type: Recovery  
Test Duration: 30  
Test Level: 4.8  
Test Level UOM: ft

Pump Test Detail ID: 1006149177  
Test Type: Draw Down  
Test Duration: 25  
Test Level: 8.4  
Test Level UOM: ft

Pump Test Detail ID: 1006149184  
Test Type: Recovery  
Test Duration: 50  
Test Level: 4.3  
Test Level UOM: ft

Pump Test Detail ID: 1006149179

## Wells and Additional Sources Detail Report

Test Type: Draw Down  
Test Duration: 30  
Test Level: 8.7  
Test Level UOM: ft

Pump Test Detail ID: 1006149172  
Test Type: Recovery  
Test Duration: 10  
Test Level: 6  
Test Level UOM: ft

Pump Test Detail ID: 1006149182  
Test Type: Recovery  
Test Duration: 40  
Test Level: 4.5  
Test Level UOM: ft

Pump Test Detail ID: 1006149185  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 9  
Test Level UOM: ft

Pump Test Detail ID: 1006149183  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 9  
Test Level UOM: ft

Pump Test Detail ID: 1006149173  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 7  
Test Level UOM: ft

Pump Test Detail ID: 1006149181  
Test Type: Draw Down  
Test Duration: 40  
Test Level: 8.9  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Water ID: 1006149166  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 80  
 Water Found Depth UOM: ft

Water ID: 1006149167  
 Layer: 2  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 91  
 Water Found Depth UOM: ft

Hole ID: 1006149164  
 Diameter: 8  
 Depth From: 0  
 Depth To: 20  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1006149165  
 Diameter: 6  
 Depth From: 20  
 Depth To: 96  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
24	E	0.16	158.21	439.23	WWIS

Well ID: 7302829  
 Construction Date:  
 Primary Water Use: Domestic  
 Sec. Water Use:  
 Final Well Status: Water Supply  
 Water Type:  
 Casing Material:  
 Audit No: Z270833  
 Tag: A219404  
 Construction Method:  
 Elevation (m):

Data Entry Status:  
 Data Src:  
 Date Received: 1/8/2018  
 Selected Flag: Yes  
 Abandonment Rec:  
 Contractor: 7154  
 Form Version: 7  
 Owner:  
 Street Name:  
 County: WELLINGTON  
 Municipality: ERIN TOWNSHIP

## Wells and Additional Sources Detail Report

Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Site Info:  
Lot:  
Concession: 09  
Concession Name: CON  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

PDF URL (Map):

Bore Hole ID: 1006952723  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 11/14/2017  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location  
Source:  
Improvement Location  
Method:  
Source Revision  
Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83: 574038  
North83: 4846297  
Org CS: UTM83  
UTMRC: 4  
UTMRC Desc: margin of error : 30 m - 100 m  
Location Method: wwr

Formation ID: 1007076910  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 06  
Mat2 Desc: SILT  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 34  
Formation End Depth: 127  
Formation End Depth  
UOM: ft

Formation ID: 1007076909

## Wells and Additional Sources Detail Report

Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 06  
Most Common Material: SILT  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 34  
Formation End Depth UOM: ft

Formation ID: 1007076911  
Layer: 3  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 127  
Formation End Depth: 190  
Formation End Depth UOM: ft

Formation ID: 1007076912  
Layer: 4  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 190  
Formation End Depth: 222  
Formation End Depth UOM: ft

Plug ID: 1007076939  
Layer: 1

## Wells and Additional Sources Detail Report

Plug From: 0  
Plug To: 192  
Plug Depth UOM: ft

Method Construction ID: 1007076938  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 1007076907  
Casing No: 0  
Comment:  
Alt Name:

Casing ID: 1007076916  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From: 0  
Depth To: 192  
Casing Diameter: 6.24  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 1007076917  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From: 192  
Depth To: 222  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Screen ID: 1007076918  
Layer:  
Slot:  
Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: ft

## Wells and Additional Sources Detail Report

Screen Diameter UOM: inch  
Screen Diameter:

Pump Test ID: 1007076908  
Pump Set At: 150  
Static Level: 112  
Final Level After Pumping: 138  
Recommended Pump Depth: 150  
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: 0  
Pumping Duration HR: 1  
Pumping Duration MIN:  
Flowing:

Pump Test Detail ID: 1007076934  
Test Type: Recovery  
Test Duration: 50  
Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076919  
Test Type: Draw Down  
Test Duration: 5  
Test Level: 124  
Test Level UOM: ft

Pump Test Detail ID: 1007076929  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 138  
Test Level UOM: ft

Pump Test Detail ID: 1007076932  
Test Type: Recovery  
Test Duration: 40

## Wells and Additional Sources Detail Report

Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076928  
Test Type: Recovery  
Test Duration: 25  
Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076920  
Test Type: Recovery  
Test Duration: 5  
Test Level: 117  
Test Level UOM: ft

Pump Test Detail ID: 1007076923  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 134  
Test Level UOM: ft

Pump Test Detail ID: 1007076930  
Test Type: Recovery  
Test Duration: 30  
Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076931  
Test Type: Draw Down  
Test Duration: 40  
Test Level: 138  
Test Level UOM: ft

Pump Test Detail ID: 1007076935  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 138  
Test Level UOM: ft

Pump Test Detail ID: 1007076927

## Wells and Additional Sources Detail Report

Test Type: Draw Down  
Test Duration: 25  
Test Level: 138  
Test Level UOM: ft

Pump Test Detail ID: 1007076924  
Test Type: Recovery  
Test Duration: 15  
Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076925  
Test Type: Draw Down  
Test Duration: 20  
Test Level: 136  
Test Level UOM: ft

Pump Test Detail ID: 1007076933  
Test Type: Draw Down  
Test Duration: 50  
Test Level: 138  
Test Level UOM: ft

Pump Test Detail ID: 1007076936  
Test Type: Recovery  
Test Duration: 60  
Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076926  
Test Type: Recovery  
Test Duration: 20  
Test Level: 112  
Test Level UOM: ft

Pump Test Detail ID: 1007076922  
Test Type: Recovery  
Test Duration: 10  
Test Level: 113  
Test Level UOM: ft

# Wells and Additional Sources Detail Report

Pump Test Detail ID: 1007076921  
 Test Type: Draw Down  
 Test Duration: 10  
 Test Level: 130  
 Test Level UOM: ft

Water ID: 1007076915  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 217  
 Water Found Depth UOM: ft

Hole ID: 1007076914  
 Diameter: 6  
 Depth From: 192  
 Depth To: 222  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

Hole ID: 1007076913  
 Diameter: 8.75  
 Depth From: 0  
 Depth To: 192  
 Hole Depth UOM: ft  
 Hole Diameter UOM: inch

---

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
25	ESE	0.22	215.66	417.43	WWIS

Well ID: 6710324  
 Construction Date:  
 Primary Water Use: Domestic  
 Sec. Water Use: 0  
 Final Well Status: Water Supply  
 Water Type:  
 Casing Material:  
 Audit No: 57343  
 Tag:  
 Construction Method:  
 Elevation (m):  
 Elevation Reliability:

Data Entry Status:  
 Data Src: 1  
 Date Received: 6/28/1990  
 Selected Flag: Yes  
 Abandonment Rec:  
 Contractor: 3317  
 Form Version: 1  
 Owner:  
 Street Name:  
 County: WELLINGTON  
 Municipality: ERIN TOWNSHIP  
 Site Info:

## Wells and Additional Sources Detail Report

Depth to Bedrock:	Lot:	015
Well Depth:	Concession:	08
Overburden/Bedrock:	Concession Name:	CON
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/671\6710324.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6710324.pdf)

Bore Hole ID:	10474169	Elevation:	415.928771
DP2BR:	95	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	574051.2
Code OB Desc:	Bedrock	North83:	4846026
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	3
Date Completed:	1/8/1990	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:			

Formation ID:	932647367
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	95
Formation End Depth:	101
Formation End Depth UOM:	ft

Formation ID:	932647366
Layer:	2

## Wells and Additional Sources Detail Report

Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 12  
Mat2 Desc: STONES  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 70  
Formation End Depth: 95  
Formation End Depth UOM: ft

Formation ID: 932647365  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2: 05  
Mat2 Desc: CLAY  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 70  
Formation End Depth UOM: ft

Formation ID: 932647368  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 101  
Formation End Depth: 143  
Formation End Depth UOM: ft

Method Construction ID: 966710324  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)

## Wells and Additional Sources Detail Report

Other Method  
Construction:

Pipe ID: 11022739  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930772098  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 106  
Casing Diameter: 5  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Casing ID: 930772099  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 143  
Casing Diameter: 5  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996710324  
Pump Set At:  
Static Level: 30  
Final Level After Pumping: 36  
Recommended Pump  
Depth: 90  
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: 30

## Wells and Additional Sources Detail Report

Flowing: No

Pump Test Detail ID: 934619494  
 Test Type: Draw Down  
 Test Duration: 30  
 Test Level: 36  
 Test Level UOM: ft

Pump Test Detail ID: 935132185  
 Test Type: Draw Down  
 Test Duration: 60  
 Test Level: 36  
 Test Level UOM: ft

Pump Test Detail ID: 934871769  
 Test Type: Draw Down  
 Test Duration: 45  
 Test Level: 36  
 Test Level UOM: ft

Pump Test Detail ID: 934345495  
 Test Type: Draw Down  
 Test Duration: 15  
 Test Level: 36  
 Test Level UOM: ft

Water ID: 933963928  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 120  
 Water Found Depth UOM: ft

Water ID: 933963929  
 Layer: 2  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 135  
 Water Found Depth UOM: ft

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Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
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# Wells and Additional Sources Detail Report

26	NNW	0.24	243.98	399.87	WWIS
Well ID:	6712434	Data Entry Status:			
Construction Date:		Data Src:	1		
Primary Water Use:	Domestic	Date Received:	1/5/1998		
Sec. Water Use:		Selected Flag:	Yes		
Final Well Status:	Water Supply	Abandonment Rec:			
Water Type:		Contractor:	3317		
Casing Material:		Form Version:	1		
Audit No:	181348	Owner:			
Tag:		Street Name:			
Construction Method:		County:	WELLINGTON		
Elevation (m):		Municipality:	ERIN TOWNSHIP		
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:	018		
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:					
PDF URL (Map):	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712434.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712434.pdf</a>				
Bore Hole ID:	10476267	Elevation:	400.224548		
DP2BR:	42	Elevrc:			
Spatial Status:		Zone:	17		
Code OB:	r	East83:	573056.3		
Code OB Desc:	Bedrock	North83:	4847130		
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:	3		
Date Completed:	9/24/1997	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:					
Formation ID:	932657129				
Layer:	1				
Color:					

## Wells and Additional Sources Detail Report

General Color:

Mat1: 01  
Most Common Material: FILL  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0  
Formation End Depth: 3  
Formation End Depth UOM: ft

Formation ID: 932657132  
Layer: 4  
Color: 6  
General Color: BROWN  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 42  
Formation End Depth: 79  
Formation End Depth UOM: ft

Formation ID: 932657131  
Layer: 3  
Color:  
General Color:  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 13  
Mat2 Desc: BOULDERS  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 25  
Formation End Depth: 42  
Formation End Depth UOM: ft

Formation ID: 932657130  
Layer: 2  
Color: 6  
General Color: BROWN

## Wells and Additional Sources Detail Report

Mat1: 05  
Most Common Material: CLAY  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 13  
Mat3 Desc: BOULDERS  
Formation Top Depth: 3  
Formation End Depth: 25  
Formation End Depth UOM: ft

Formation ID: 932657133  
Layer: 5  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 79  
Formation End Depth: 125  
Formation End Depth UOM: ft

Method Construction ID: 966712434  
Method Construction Code: 2  
Method Construction: Rotary (Convent.)  
Other Method Construction:

Pipe ID: 11024837  
Casing No: 1  
Comment:  
Alt Name:

Casing ID: 930775906  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 125  
Casing Diameter: 6  
Casing Diameter UOM: inch

## Wells and Additional Sources Detail Report

Casing Depth UOM: ft

Casing ID: 930775905  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 45  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

Pump Test ID: 996712434  
Pump Set At:  
Static Level: 0  
Final Level After Pumping: 5  
Recommended Pump Depth: 35  
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: 30  
Flowing:

Pump Test Detail ID: 934616793  
Test Type: Draw Down  
Test Duration: 30  
Test Level: 5  
Test Level UOM: ft

Pump Test Detail ID: 934352205  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 5  
Test Level UOM: ft

## Wells and Additional Sources Detail Report

Pump Test Detail ID: 935138855  
Test Type: Draw Down  
Test Duration: 60  
Test Level: 5  
Test Level UOM: ft

Pump Test Detail ID: 934869045  
Test Type: Draw Down  
Test Duration: 45  
Test Level: 5  
Test Level UOM: ft

Water ID: 933966793  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 124  
Water Found Depth UOM: ft

## Radon Information

Detailed radon information for the project property is provided below.

### Radon Zone Information

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**ID:** 144852 **Radon Rank:** LOW

### Health Canada Radon Information

---

**Health Region:** 3566  
**Health Region Name:** Wellington-Dufferin-Guelph Health Unit  
**Province or Territory:** ON  
**Number Homes in Survey:** 92  
**% Below 200 Bq/m3:** 89.1  
**% Above 200 Bq/m3:** 10.9  
**200 to 600 Bq/m3:** 8.7  
**% Above 600 Bq/m3:** 2.2

## Area of Natural and Scientific Interest Information

There is no ANSI unit available in this area.

## Area of Natural and Scientific Interest Information

Detailed ANSI information is provided below.

No records found for the project property or surrounding properties.

## Federal Sources

### Bedrock Geology of Canada

The Geological Map of Canada is scaled at 1:5,000,000. This map is created by Geological Survey of Canada and published by Natural Resources Canada.

**BEDROCK GEOLOGY**

### Health Canada Radon Information

This source is the results from the Cross-Canada Survey of Radon Concentrations in Homes, a two-year study conducted by Health Canada's National Radon Program. The aims of this study were to obtain an estimate of the proportion of the Canadian population living in homes with radon gas levels above the guideline of 200 Bq/m<sup>3</sup>, to identify previously unknown areas where radon gas exposure may constitute a health risk, and to build, over time, a map of indoor radon gas exposure levels across Canada.

**RADON**

### National Energy Board Wells

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.

**NEBP**

### Soil Landscapes of Canada (SLC)

Major characteristics of soil and land such as surface form, slope, water table depth, permafrost and lakes.

**SLC**

### Surficial Geology of Canada

This map contains information on surficial materials and associated landforms left by the retreat of the last glaciers and non glacial environments. It is based on compilation of existing maps. This data was authored by the Geological Survey of Canada and published by Natural Resources Canada.

**SURFICIAL GEOLOGY**

### Toporama

Toporama covers the entire area of Canada's landmass and provides topographic, geo-referenced, and symbolic information in a raster format at 1:50,000 scale. This is a digital topographic reference product made available by Natural Resources Canada (NRCan).

**TOPORAMA**

## Provincial Sources

### Area of Natural and Scientific Interest

Areas of Natural and Scientific Interest (ANSIs) are lands and waters with features that are important for natural heritage protection, appreciation, scientific study or education. This dataset is made available by Ontario Ministry of Natural Resources.

**ANSI**

### Bedrock Geology of Ontario

The Bedrock Geology layer shows the distribution of bedrock units underlying Ontario at a 1:250,000 scale. The geology of the province consists of Precambrian rocks of the Canadian Shield and Phanerozoic sedimentary rocks that overlie the Canadian Shield. This layer was compiled by the Precambrian Geoscience Section of Ontario Geological Survey.

**BEDROCK GEOLOGY**

### Ontario Detailed Soil Survey (DSS3)

Soil surveys have been published for most of the agricultural areas, and many surrounding areas, across Canada. Data from these surveys comprise the most detailed soil inventory information in the National Soil DataBase. Data is made available by Agriculture and Agri-Food Canada

**SOIL SURVEY**

### Ontario Oil and Gas Wells

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 OGS 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.

**OOGW**

### Provincial Groundwater Monitoring Network

**GROUNDWATER**

## Appendix

Groundwater level and chemistry data from monitoring wells that are part of the Provincial Groundwater Monitoring Network (PGMN) Program. Precipitation data (rain) is also available for some sites. This data is provided by Ontario Ministry of Environment and Climate Change.

### **Surficial Geology of Ontario**

The Surficial Geology dataset contains a layer depicting the distribution and characteristics of surficial deposits across southern Ontario. This data set is authored by the Ontario Geological Survey.

**SURFICIAL GEOLOGY**

### **Topographic Map of Ontario**

The Ontario Basic Mapping program provides a relationship between topographic information and the provincial geographical referencing grid, thereby forming the foundation for a comprehensive provincial geographical referencing system. This data is made available by the Ontario Ministry of Natural Resources and Forestry. This is ERIS self-designed topographic map template at 1:10,000.

**TOPOGRAPHIC MAP**

### **Water Well Information System**

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.

**WWIS**

### **Wetlands of Ontario**

The Ministry of Natural Resources and Forestry has made available a database of wetlands in Ontario. Certain attributes identify wetlands that have been evaluated with the Ontario Wetland Evaluation System (OWES), and of those which ones have been designated as Provincially Significant Wetlands (PSW).

**WETLAND**

## **Private Sources**

### **Oil and Gas Wells**

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

**OGWE**

### **Radon Zone Information**

The Radon Potential Map is developed by Radon Environmental Management Corporation. Its objective was to illustrate the relative variation of radon risk across the country, and in 2011 it published its first geologic Radon Potential Map of Canada.

**RADON**

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