



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

June 24, 2021

Pinchin File: 283584.001



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Association of Professional Engineers of Ontario

July 5, 2022



July 5, 2022



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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 8th 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 8th 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 8th 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.

**Phase One Environmental Site Assessment**

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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 th 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 houshang@shadinc.ca
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 houshang@shadinc.ca
Site Area	Client	618,530 m ² (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 8th 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 8th 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 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:



MECP Well ID (ERIS ID)	Location	Stratigraphy	Approximate Depth to Bedrock	Approximate Depth to Water Table
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:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
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:

Photograph No.	Orientation	Description
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 8th Line to the northeast side of both Site Buildings. Communications/telephone cables run in an east/west orientation along 8th 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:

Direction Relative to Phase One Property	Location Relative to Inferred Groundwater Flow Direction	Description of Property Use	Property Use	Potential Contribution to PCA and/or APEC
Northeast	Transgradient	8 th line followed by Erin Heights Golf Club (5525 8 th 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 MNRF 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 MNRF 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 8th 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 8th 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_{ESA} 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 8th 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:

- ERIIS report entitled “5520 & 5552 8th Line, Town of Erin, Ontario”, dated May 11, 2021 (ERIS Project # 21050600094).
- Opta Information *Intelligence* “5520 & 5552 8th 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.

\\pinchin.com\ham\Job\283000s\0283584.000 Shad&Ass,5520-8thLine,Erin,ON,PH\0283584.001 Shad&Ass,5520-8thLine,Erin,ON,PH ONE\Deliverables\Report Draft\283584.001 DRAFT RSC PhOne, 5520 8th Line, Erin, On, June 24, 2021.docx

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
PIN 71150-0403 (LT)				
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 ¹	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 th 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 ¹	Location of Area of Potential Environmental Concern on Phase One Property	Potentially Contaminating Activity ²	Location of PCA (On-Site or Off-Site)	Contaminants of Potential Concern ³	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:

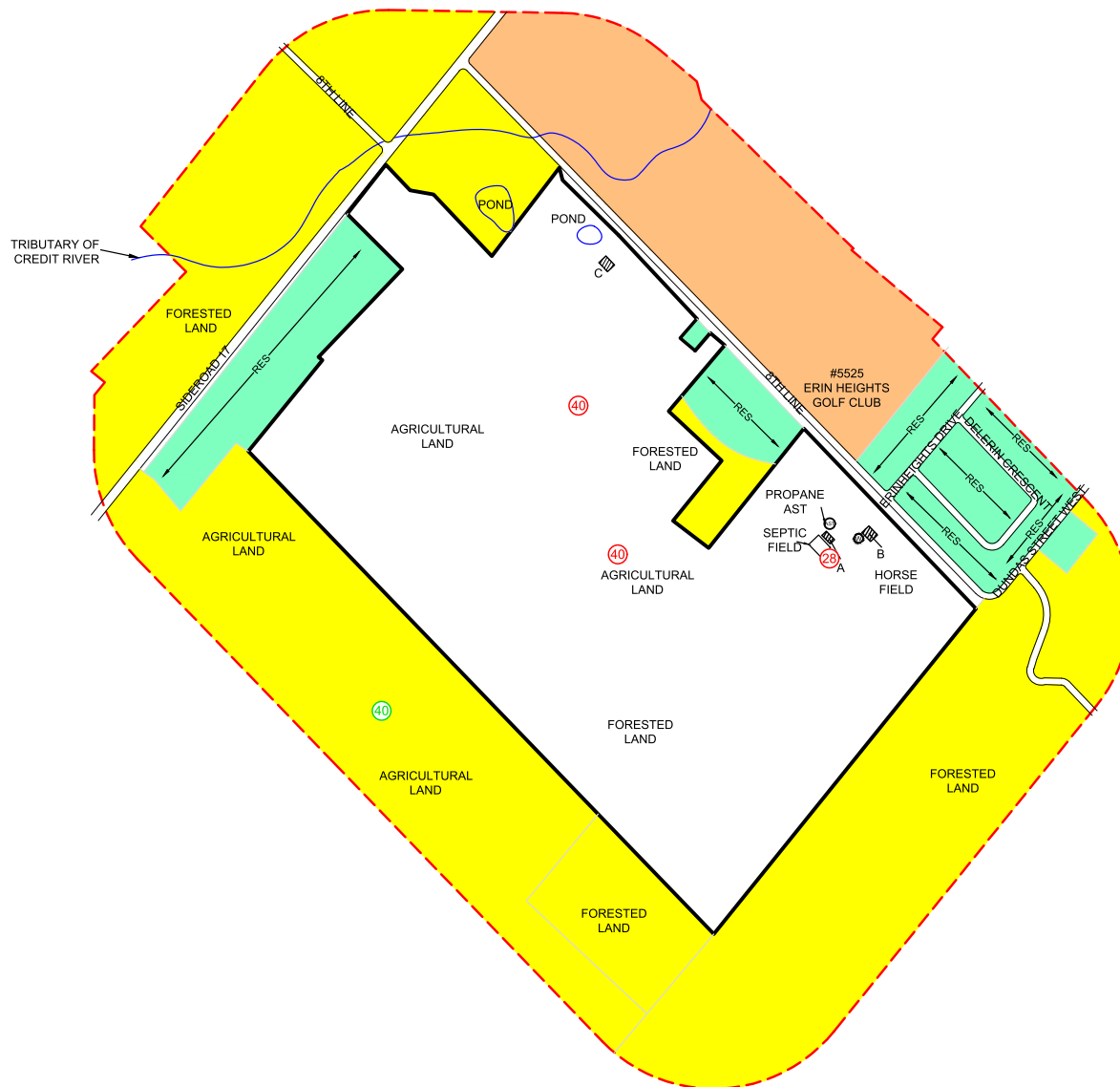
ABNs	PCBs	Metals	Electrical Conductivity
CPs	PAHs	As, Sb, Se	Cr (VI)
1,4-Dioxane	THMs	Na	Hg
Dioxins/Furans, PCDDs/PCDFs	VOCs	B-HWS	Methyl Mercury
OCs	BTEX	Cl-	Low or high pH,
PHCs	Ca, Mg	CN-	SAR

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
- - - PHASE ONE STUDY AREA BOUNDARY
- ▨ SITE BUILDING
- RES RESIDENTIAL
- AST 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

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:
POTENTIALLY CONTAMINATING ACTIVITIES

PROJECT NUMBER:
283584.001

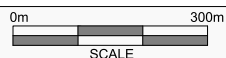
SCALE:
AS SHOWN

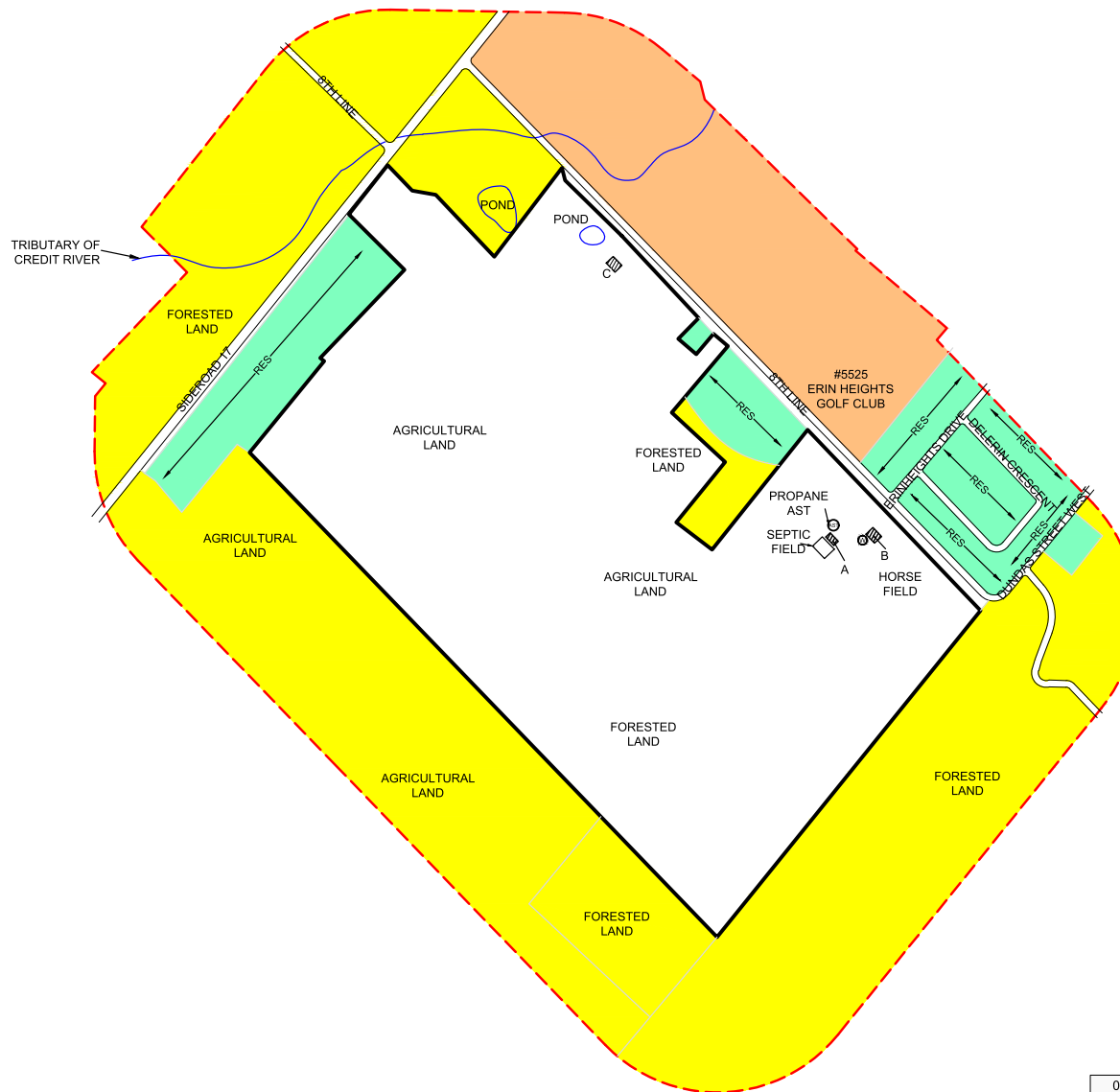
DRAWN BY:
KP

REVIEWED BY:
MC

DATE:
MAY 2021

FIGURE NUMBER:
4





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

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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:
283584.001

SCALE:
AS SHOWN

DRAWN BY:
KP

REVIEWED BY:
MC

DATE:
MAY 2021

FIGURE NUMBER:
3



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 – 8th 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

Report Completed By:
Sunita

Site Address:

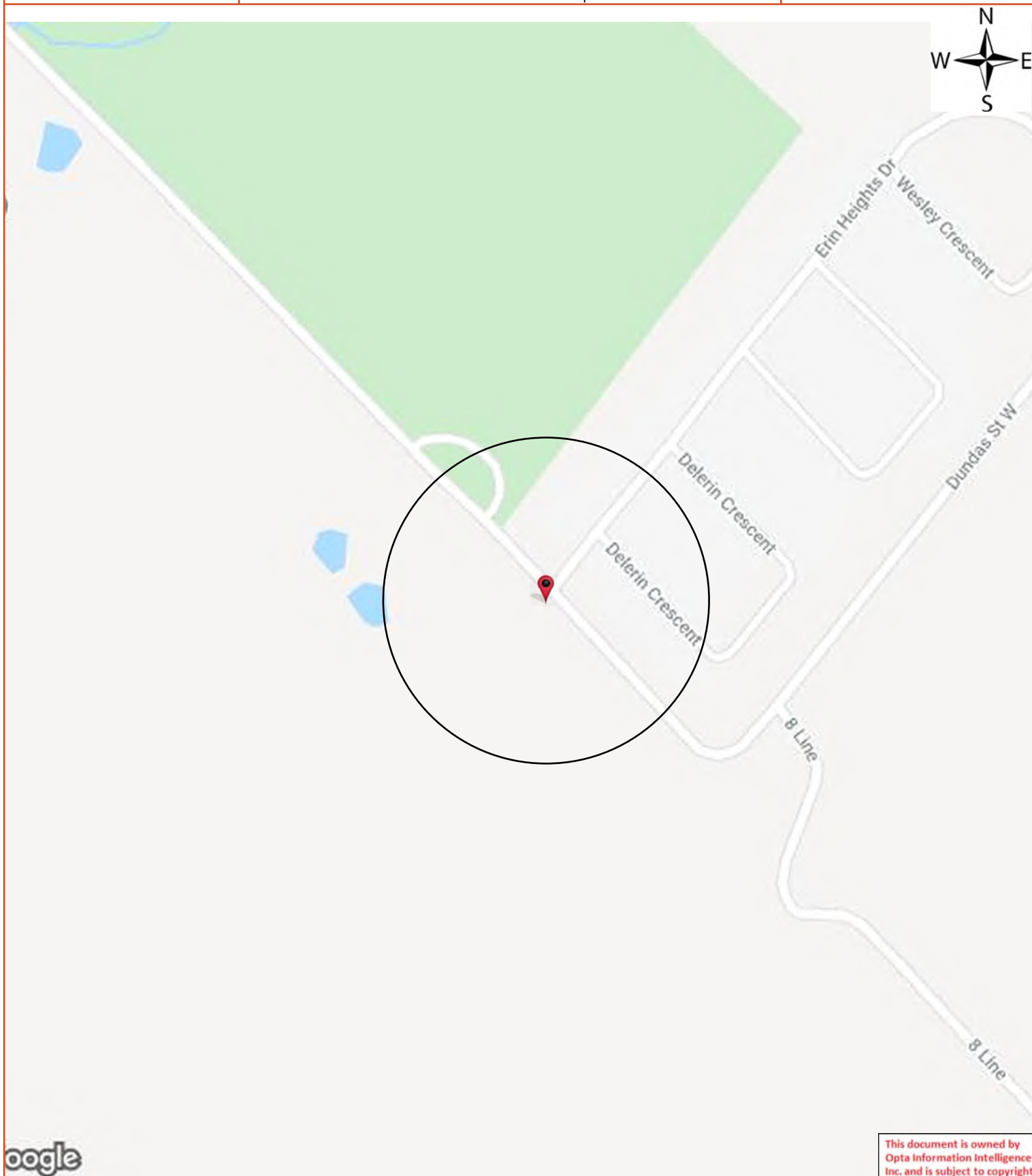
5520 8 Line Erin Ont
Project No:

20302800012
Opta Order ID:

79757

Requested by:
Eleanor Goolab
ERIS

Date Completed:
11/2/2020 12:52:39 PM



Opta Historical Environmental Services EnviroscanTM 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.

No Records Found

Requested by:
Eleanor Goolab

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



OPTA INFORMATION INTELLIGENCE

No Records Found



APPENDIX F
Chain of Title Search Results

CHAIN OF TITLE REPORT

Project #: 21050600094
 Address: 5520 8th Line, Erin
 Legal: Pt Lot 16 Con 8 Erin as in RO732357
 Description: 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	Samuel McCURDY
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: Pt Lot 16 Con 8 Erin as in RO732357
 Description: 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.	2779176 Ontario Inc.

CHAIN OF TITLE REPORT

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

Searched at:
 LRO #:

Guelph
61

Page 2

** 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 R0732357, 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

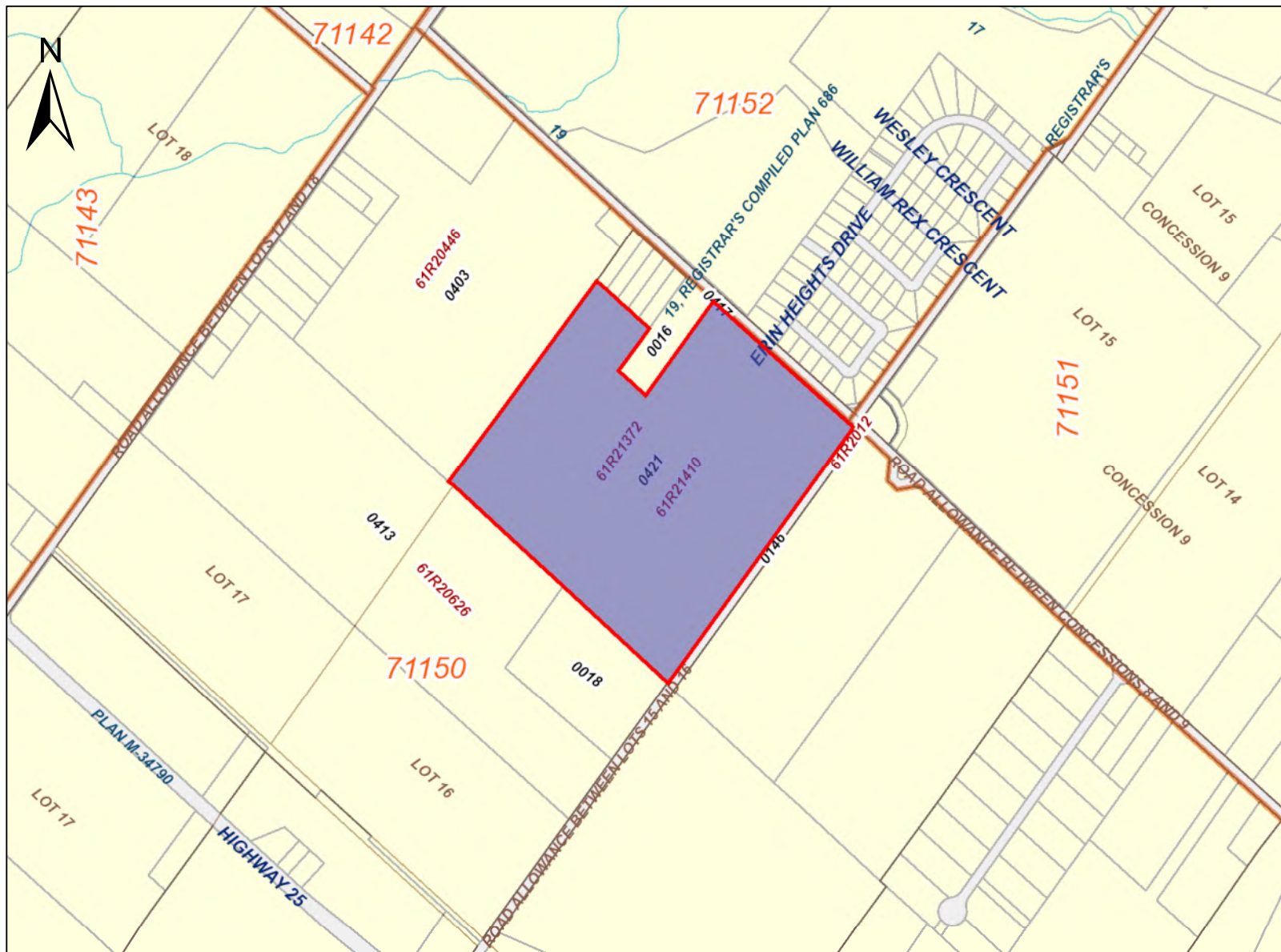
OWNERS' NAMES **CAPACITY SHARE**
2779176 ONTARIO INC.

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
R0732357	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 ***		

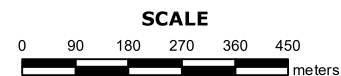
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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
WC554082	2018/11/13	APL CONSOLIDATE		1530953 ONTARIO LTD.	1096288 ONTARIO LTD.	
WC615691	2020/11/10	TRANSFER	\$2	1096288 ONTARIO LTD.	2779176 ONTARIO INC.	C
WC615946	2020/11/13	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.						

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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PROPERTY INDEX MAP

WELLINGTON(No. 61)

LEGEND

FREEHOLD PROPERTY	Yellow
LEASEHOLD PROPERTY	Light Blue
LIMITED INTEREST PROPERTY	Dark Blue
CONDOMINIUM PROPERTY	Orange
RETIRED PIN (MAP UPDATE PENDING)	Light Green
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	Blue
EASEMENT	Red

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: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446
 Description: Pt Lot 17 Con 8 as in ROS235079
 Except Pt 1 61R6356
 PIN #: 71150-0403 (LT)

Searched at: Guelph
 LRO #: 61

Page 1

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

Cont'd on Page 2

CHAIN OF TITLE REPORT

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

Searched at:
 LRO #:

Guelph
61

Page 2

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 Pt Lot 17 Con 8 Erin, Pt 3 61R-20446
 Description: Pt Lot 17 Con 8 as in ROS235079
 Except Pt I 61R6356
 PIN #: 71150-0403 (LT)

Searched at: Guelph
 LRO #: 61

Page 1

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

Cont'd on Page 2

CHAIN OF TITLE REPORT

Project #: 21050600094
 Address: 5552 8th Line, Erin
 Legal: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446
 Description: 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: Pt Lot 17 Con 8 Erin, Pt 3 61R-20446
 Description: 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

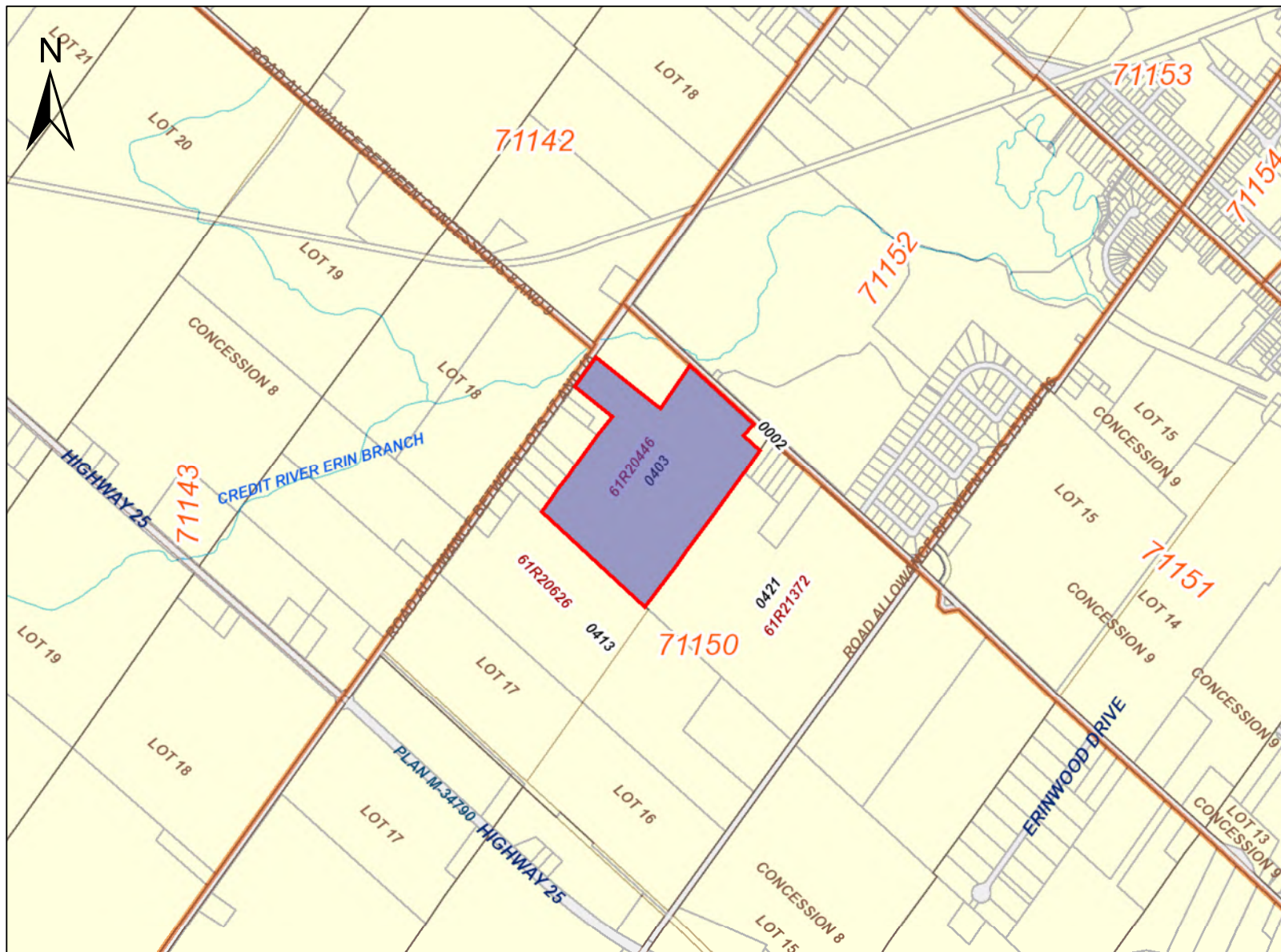
OWNERS' NAMES **CAPACITY SHARE**
2779181 ONTARIO INC.

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	

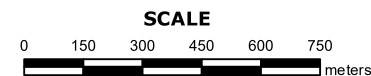
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NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
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

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
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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
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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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
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 & 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 & 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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	3	23	26
Total:			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>
<u>1</u>	WWIS		lot 16 con 8 ON <i>Well ID:</i> 6712830	E/0.0	-1.87	<u>17</u>
<u>2</u>	EHS		5520 8 Line Erin ON N0B 1T0	SE/0.0	23.18	<u>21</u>
<u>2</u>	EHS		5520 Eighth Line Erin ON	SE/0.0	23.18	<u>21</u>
<u>2</u>	EHS		5520 8 Line Erin ON N0B 1T0	SE/0.0	23.18	<u>21</u>
<u>2</u>	EHS		5520 Eighth Line Erin ON	SE/0.0	23.18	<u>21</u>
<u>3</u>	WWIS		lot 16 con 8 ON <i>Well ID:</i> 6700734	ENE/0.0	-2.86	<u>21</u>
<u>4</u>	WWIS		lot 17 con 8 ON <i>Well ID:</i> 6700737	NNW/0.0	-24.53	<u>25</u>

Executive Summary: Site Report Summary - Surrounding Properties

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

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

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

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.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5520 8 Line Erin ON N0B 1T0	0.0	<u>2</u>
	5520 Eighth Line Erin ON	0.0	<u>2</u>
	5520 8 Line Erin ON N0B 1T0	0.0	<u>2</u>
	5520 Eighth Line Erin ON	0.0	<u>2</u>
	5525 8th Line Erin ON N0B 1T0	80.7	<u>20</u>

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.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5487 Eighth Line, Halton Hills ON	24.4	<u>10</u>

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	<u>23</u>

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	<u>20</u>

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	<u>23</u>

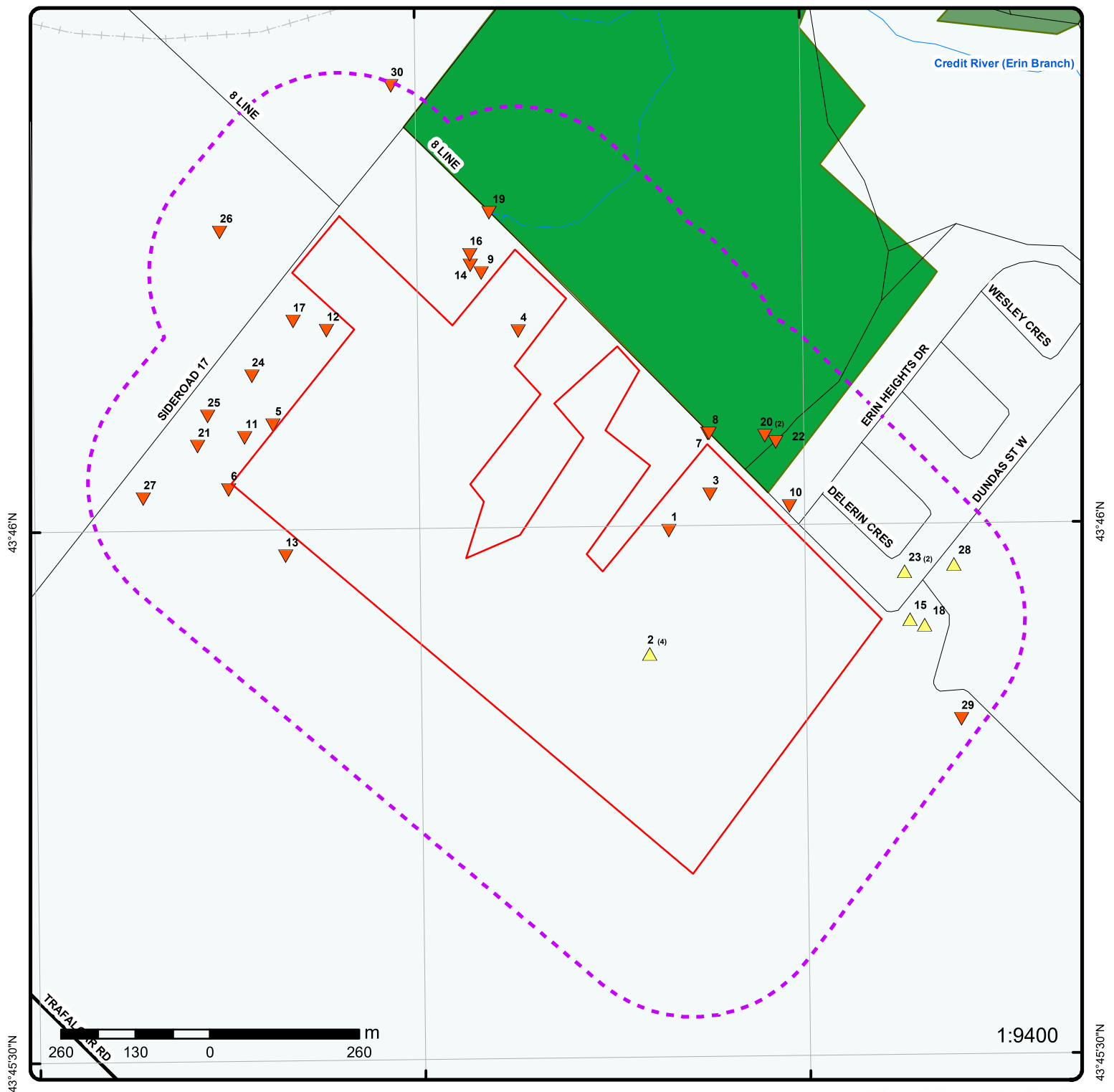
WWIS - Water Well Information System

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	<u>1</u>
	lot 16 con 8 ON <i>Well ID:</i> 6700734	0.0	<u>3</u>
	lot 17 con 8 ON <i>Well ID:</i> 6700737	0.0	<u>4</u>

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

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



Map: 0.25 Kilometer Radius

Order Number: 21050600094

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

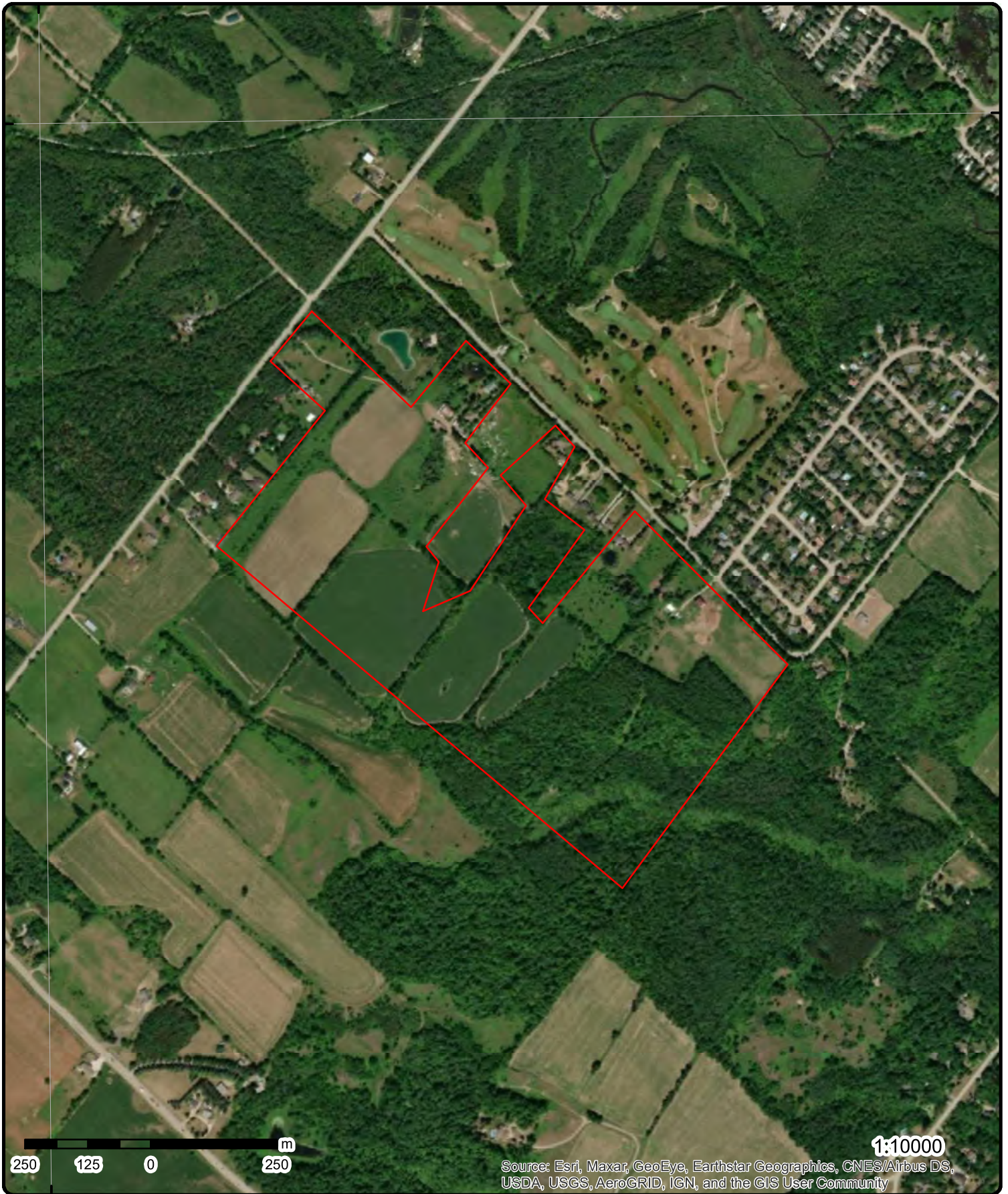


Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range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

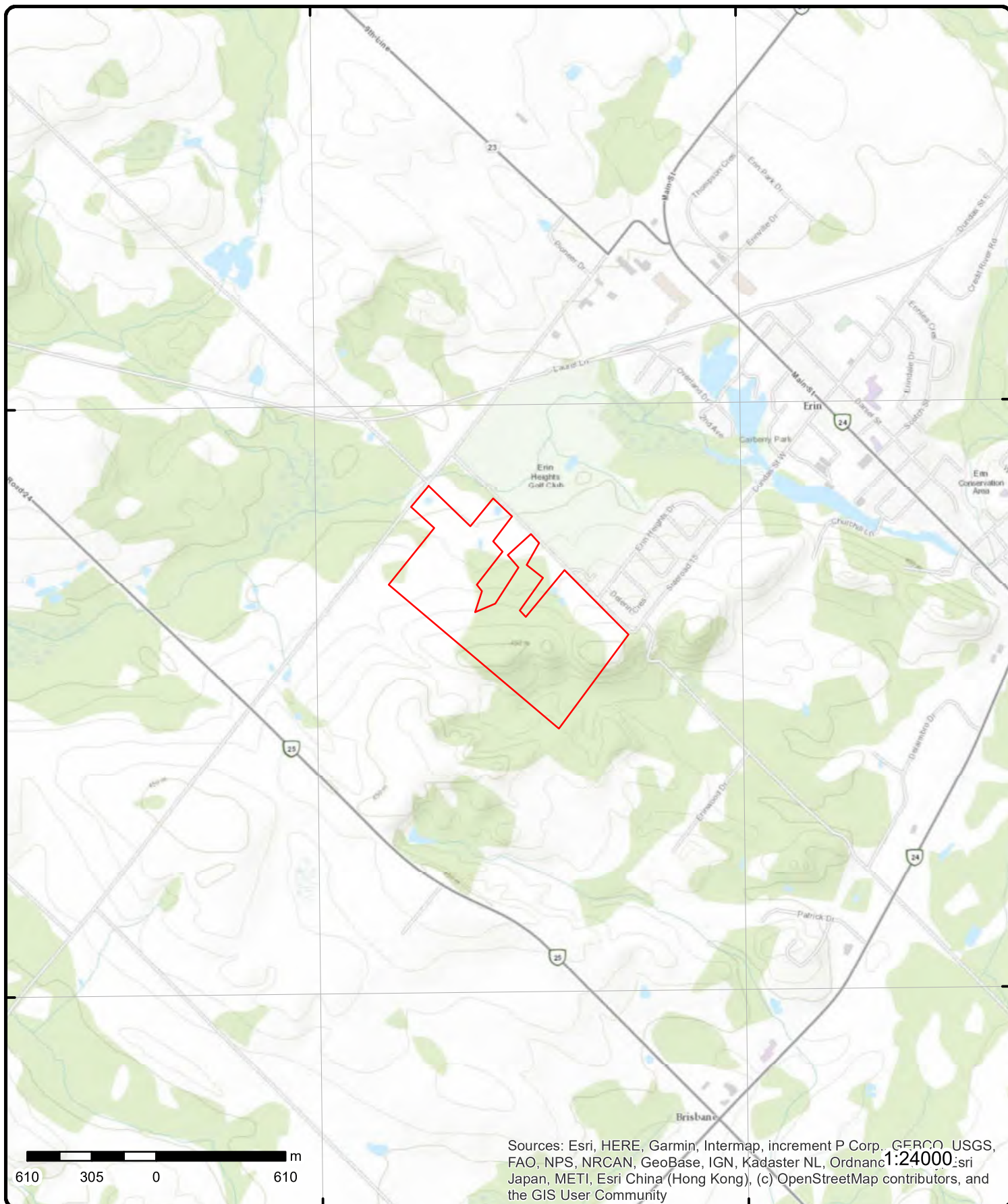
80°4'30"W

43°46'30"N

43°46'30"N

43°45'N

43°45'N



Topographic Map

Address: 5520 and 5552 8th Line, ON

Source: ESRI World Topographic Map

Order Number: 21050600094



© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	E/0.0	425.2 / -1.87	lot 16 con 8 ON	WWIS
Well ID: 6712830 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 192048 Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 1/7/1999 Selected Flag: Yes Abandonment Rec: Contractor: 3317 Form Version: 1 Owner: Street Name: County: WELLINGTON Municipality: ERIN TOWNSHIP Site Info: Lot: 016 Concession: 08 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712830.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

Formation ID:	932659186
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		135			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966712830			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11025233			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		996712830			
Pump Set At:					
Static Level:		75			
Final Level After Pumping:		90			
Recommended Pump Depth:		130			
Pumping Rate:		10			
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934870219			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		90			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934617955			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		90			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934353374			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		90			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935131270			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		90			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933967386			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933967385			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140			
Water Found Depth UOM:		ft			

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

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700734.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932605874			
Layer:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932605875			
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966700734			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11013450			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		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			
 <u>Results of Well Yield Testing</u>					
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			
 <u>Water Details</u>					
Water ID:		933952864			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		170			
Water Found Depth UOM:		ft			
4	1 of 1	NNW/0.0	402.5 / -24.53	lot 17 con 8 ON	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				County:	WELLINGTON
Method:				Municipality:	ERIN TOWNSHIP
Elevation (m):				Site Info:	
Elevation Reliability:				Lot:	017
Depth to Bedrock:				Concession:	08
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Flowing (Y/N):				UTM Reliability:	
Flow Rate:					
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670\6700737.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10464883		Elevation:	406.1958	
DP2BR:	48		Elevrc:		
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	966700737				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		11013453			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		Yes			
<u>Water Details</u>					
Water ID:		933952867			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			

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

Bore Hole Information

Bore Hole ID:	1005228361	Elevation:	415.642486
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572851
Code OB Desc:		North83:	4846538
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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005420743			
Layer:		2			
Color:		2			
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			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005420771			
Layer:		1			
Plug From:		0			
Plug To:		81			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1005420770			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1005420740			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1005420748			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		81			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1005420749			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		81			
Depth To:		122			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1005420750			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005420752			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		51			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005420762			
Test Type:		Recovery			
Test Duration:		30			

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		61			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005420757			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		61			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		1005420747			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		116			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1005420745			
Diameter:		8.75			
Depth From:		0			
Depth To:		81			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
 <u>Hole Diameter</u>					
Hole ID:		1005420746			
Diameter:		6			
Depth From:		81			
Depth To:		122			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>6</u>	1 of 1	W/11.4	417.2 / -9.89	lot 17 con 8 ON	WWIS
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/725\7253592.pdf			
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005880421				
Layer:	4				
Color:	2				
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005880420				
Layer:	3				
Color:	6				
General Color:	BROWN				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005880418			
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:		32			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005880439			
Layer:		1			
Plug From:		0			
Plug To:		90			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005880438			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005880416			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1005880427			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005880433			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005880429			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		53			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

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

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

<u>7</u>	1 of 1	ENE/18.4	417.2 / -9.87	lot 16 con 8 ON	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
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

Bore Hole Information

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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1002608006			
Layer:		2			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002608011			
Layer:		1			
Plug From:		0			
Plug To:		105			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002608023			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002608003			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1002608017			

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

<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>
Water ID:		1002608013			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		154			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		1002608012			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		136			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		1002608014			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		174			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1002608009			
Diameter:		8			
Depth From:		0			
Depth To:		105			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
 <u>Hole Diameter</u>					
Hole ID:		1002608010			
Diameter:		4			
Depth From:		105			
Depth To:		197			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
8	1 of 1	ENE/18.5	417.2 / -9.87	lot 18 con 9 ON	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
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002608042				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	27				
Formation End Depth:	32				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002608041			
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:		27			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002608047			
Layer:		1			
Plug From:		0			
Plug To:		34			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002608059			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002608039			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002608051			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		0			
Depth To:		34			
Casing Diameter:		4.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1002608053			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002608055			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002608057			
Test Type:		Recovery			
Test Duration:		60			

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

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

9	1 of 1	NNW/18.9	398.5 / -28.53	lot 17 con 8 ON	WWIS
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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

Bore Hole Information

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:			

Overburden and Bedrock

Materials Interval

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966703510			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11016217			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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 Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Yes			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934345718			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935123267			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934858478			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934604289			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		20			
Test Level UOM:		ft			
Water Details					
Water ID:		933955998			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		49			
Water Found Depth UOM:		ft			
10	1 of 1	E/24.4	425.8 / -1.25	5487 Eighth Line, Halton Hills ON	INC
Incident No:	948698			Any Health Impact:	No
Incident ID:	3106824			Any Enviro Impact:	Unknown
Instance No:				Service Interrupted:	No
Status Code:	Open L1 Incident Inspection			Was Prop Damaged:	No
Attribute Category:	FS-Perform L1 Incident Insp			Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:	2012/11/21 00:00:00			Indus App. Type:	
Time of Occurrence:	14:56:00			Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:	2012/11/23 00:00:00			Pipeline Type:	
Approx Quant Rel:	unknown			Pipeline Involved:	
Tank Capacity:				Pipe Material:	
Fuels Occur Type:	Leak			Depth Ground Cover:	
Fuel Type Involved:	Fuel Oil			Regulator Location:	
Enforcement Policy:	NULL			Regulator Type:	
Prc Escalation Req:	NULL			Operation Pressure:	
Tank Material Type:				Liquid Prop Make:	
Tank Storage Type:				Liquid Prop Model:	
Tank Location Type:				Liquid Prop Serial No:	
Pump Flow Rate Cap:				Liquid Prop Notes:	
Task No:	4184770			Equipment Type:	
Notes:				Equipment Model:	
Drainage System:	Unknown			Serial No:	
Sub Surface Contam.:	to be determined			Cylinder Capacity:	
Aff Prop Use Water:	Unknown			Cylinder Cap Units:	
Contam. Migrated:	Unknown			Cylinder Mat Type:	
Contact Natural Env:	Unknown			Near Body of Water:	Unknown
Incident Location:	5487 Eighth Line, Halton Hills - Leak				
Occurrence Narrative:	Leak from compressionn fitting				
Operation Type Involved:	Private Dwelling				
Item:					
Item Description:					
Device Installed Location:					
11	1 of 1	WNW/31.2	415.3 / -11.72	17 SIDE RD. #9469 lot 17 con 8 HILLSBURG ON	WWIS
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:	

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		15			
Formation End Depth:		86			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001929264			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001929296			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001929257			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
Casing ID:		1001929267			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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				
<u>Construction Record - Screen</u>					
Screen ID:	1001929268				
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	ft				
Screen Diameter UOM:	inch				
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1001929271				
Test Type:	Draw Down				
Test Duration:	2				
Test Level:	59				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1001929285				
Test Type:	Draw Down				
Test Duration:	25				
Test Level:	66				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1001929279				
Test Type:	Draw Down				
Test Duration:	10				
Test Level:	66				
Test Level UOM:	ft				

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929288			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		49			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929283			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		66			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929269			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		54			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929272			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		57			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929294			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		49			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929293			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		66			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001929290			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		49			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Pump Test Detail ID: 1001929276
Test Type: Recovery
Test Duration: 4
Test Level: 52
Test Level UOM: ft

Water Details

Water ID: 1001929265
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 12
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1001929263
Diameter: 6.125
Depth From: 20
Depth To: 120
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID: 1001929262
Diameter: 8.75
Depth From: 0
Depth To: 20
Hole Depth UOM: ft
Hole Diameter UOM: inch

12	1 of 1	NW/34.6	405.6 / -21.45	lot 17 con 8 ON	WWIS
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Well ID: 6704165 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	Data Entry Status: Data Src: 1 Date Received: 2/11/1972 Selected Flag: Yes Abandonment Rec: Contractor: 3316 Form Version: 1 Owner: Street Name: County: WELLINGTON Municipality: ERIN TOWNSHIP Site Info: Lot: 017 Concession: 08 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/670/6704165.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932620914				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:	11				
Mat3 Desc:	GRAVEL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:	0				
Formation End Depth:	56				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	966704165				
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11016848				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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				
<u>Construction Record - Casing</u>					
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				
<u>Results of Well Yield Testing</u>					
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				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934347414				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	24				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934614863				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	24				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935133596				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	24				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934860116				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	24				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933956716				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	116				
Water Found Depth UOM:	ft				
13	1 of 1	W/35.3	422.5 / -4.61	lot 17 con 8 ON	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
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N): Flow Rate: Clear/Cloudy:				Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6713898.pdf			
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932854653				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933224751			
Layer:		1			
Plug From:		0			
Plug To:		35			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966713898			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11071600			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930778349			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
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			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 1	NNW/42.6	398.5 / -28.53	5570 8TH LINE lot 17 con 8 ERIN ON	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
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

Bore Hole Information

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 of Construction & Well Use

Method Construction ID:	1003436666
Method Construction Code:	6
Method Construction:	Boring
Other Method Construction:	

Pipe Information

Pipe ID:	1003436657
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003436663
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:					
Open Hole or Material:		2			
Depth From:		GALVANIZED			
Depth To:		0			
Casing Diameter:		21.2			
Casing Diameter UOM:		36			
Casing Depth UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003436664			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Water Details</u>					
Water ID:		1003436662			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003436660			
Diameter:		36			
Depth From:		0			
Depth To:		21.2			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
15	1 of 1	E/49.7	443.0 / 15.95	lot 17 con 8 ON	WWIS
Well ID:		7221975		Data Entry Status:	
Construction Date:				Data Src:	

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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	1005194021
Layer:	2
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005194057			
Layer:		1			
Plug From:		0			
Plug To:		202			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005194056			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005194018			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1005194028			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005194045			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		134			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005194051			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		135			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

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

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		40			
Test Level:		135			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005194038			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		130			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		1005194025			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		212			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1005194023			
Diameter:		8.75			
Depth From:		0			
Depth To:		202			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
 <u>Hole Diameter</u>					
Hole ID:		1005194024			
Diameter:		6			
Depth From:		202			
Depth To:		214			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
16	1 of 1	NNW/54.9	396.9 / -30.20	WELLINGTON lot 17 con 8 ERIN ON	WWIS
Well ID:	7156327			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:	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:					

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

Bore Hole Information

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 of Construction & Well Use

Method Construction ID:	1003436676
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	1003436668
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1003436674
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		1003436672			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	m				
 <u>Hole Diameter</u>					
Hole ID:		1003436670			
Diameter:		5			
Depth From:		0			
Depth To:		7			
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				
17	1 of 1	WNW/62.1	403.8 / -23.26	lot 17 con 8 ON	WWIS
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):					
 <u>Bore Hole Information</u>					
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:					
 <u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		1006796112			
Layer:		3			
Color:		6			
General Color:		BROWN			
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006796147			
Layer:		1			
Plug From:		0			
Plug To:		69			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		1006796146			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1006796108			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
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			
 <u>Construction Record - Casing</u>					
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			
 <u>Construction Record - Screen</u>					
Screen ID:		1006796118			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
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			

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

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006796139			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		61			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006796140			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		18			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006796127			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		39			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006796142			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		18			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1006796115			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		18			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006796114			
Diameter:		6			
Depth From:		69			
Depth To:		124			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1006796113			
Diameter:		8.75			
Depth From:		0			
Depth To:		69			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966704818			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11017495			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Results of Well Yield Testing</u>					
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935134761			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934349574			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934616582			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		35			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934870423			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		35			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
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
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
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				
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932653157				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		1			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932653159			
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:		103			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		966711560			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11023963			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930774327			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
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			
 <u>Results of Well Yield Testing</u>					
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			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934875094			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		7			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934349340			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		7			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935136076			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		7			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934614071			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		7			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933965568			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933965571			
Layer:		4			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		103			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933965569			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933965570			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		78			
Water Found Depth UOM:		ft			
20	1 of 2	ENE/80.7	419.6 / -7.45	Derrydale Golf Course Ltd. 5525 Eighth Line, R.R.2 Erin Ontario ERIN ON	PTTW
EBR Registry No:	IA06E1418			Decision Posted:	
Ministry Ref No:	3587-6VKQ64			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:				Act 1:	
Notice Date:	February 23, 2007			Act 2:	
Proposal Date:	November 15, 2006			Site Location Map:	
Year:	2006				
Instrument Type:	(OWRA s. 34) - Permit to Take Water				
Off Instrument Name:					
Posted By:					
Company Name:	Derrydale Golf Course Ltd.				
Site Address:					
Location Other:					

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1001538559			
Layer:		3			
Color:		2			
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			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1001538562			
Layer:		6			
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001538564			
Layer:		1			
Plug From:		0			
Plug To:		6.09			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1001538592			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1001538555			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1001538567			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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			
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			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538575			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		62.1			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538581			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		48.8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538572			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		62.9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538569			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		69.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538574			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		65.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538578			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		76.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538568			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		45			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538580			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		73			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538590			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		76			
Test Level UOM:		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>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538584			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		71.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538571			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		67.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538579			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		49			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538588			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538587			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		46.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538585			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		48.1			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538583			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		48.1			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001538576			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:	1001538563				
Diameter:	25.4				
Depth From:					
Depth To:	43.89				
Hole Depth UOM:	ft				
Hole Diameter UOM:	inch				
22	1 of 1	ENE/86.6	422.0 / -5.07	ON	WWIS
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			
<u>Bore Hole Information</u>					
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932606004				
Layer:	1				
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966700766			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11013482			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
Casing ID:		930755593			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		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			
Results of Well Yield Testing					
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 Details					
Water ID:		933952901			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		217			
Water Found Depth UOM:		ft			
23	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
Year:				Client Type:	Corporation
Incident Cause:				Sector Type:	Miscellaneous Communal
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
Incident Reason:		Operator/Human Error		Source Type:	Pipeline/Components
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
23	2 of 2	E/87.4	435.9 / 8.80	ENBRIDGE GAS INC 13 DELERIN CRES,,ERIN,ON,N0B 1T0,CA ON	PINC
Incident ID:				Fuel Category:	
Incident No: 2611860				Health Impact:	
Incident Reported Dt: 6/18/2019				Environment Impact:	
Type: FS-Pipeline Incident				Property Damage:	
Status Code:				Service Interrupt:	
Customer Acct Name: ENBRIDGE GAS INC				Enforce Policy:	
Incident Address: 13 DELERIN CRES,,ERIN,ON,N0B 1T0,CA				Public Relation:	
Tank Status: Pipeline Damage Reason Est				Pipeline System:	
Task No:				Depth:	
Spills Action Centre:				Pipe Material:	
Fuel Type:				PSIG:	
Fuel Occurrence Tp:				Attribute Category:	
Date of Occurrence:				Regulator Location:	
Occurrence Start Dt:				Method Details:	
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
24	1 of 1	WNW/88.4	408.5 / -18.57	lot 17 con 8 ON	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	
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			
<u>Bore Hole Information</u>					
Bore Hole ID: 10470671				Elevation: 412.098632	
DP2BR: 70				Elevrc:	
Spatial Status:				Zone: 17	
Code OB: r				East83: 572814.2	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	966706595				
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11019241				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		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			
 <u>Construction Record - Casing</u>					
Casing ID:		930765877			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		82			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
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			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935130443			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933959570			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		105			
Water Found Depth UOM:		ft			
25	1 of 1	WNW/105.1	413.9 / -13.20	17TH SIDE RD. BOX 9467 lot 4 con 8 Erin ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7110312			Data Entry Status:	
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

Bore Hole Information

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:			

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID:	1001832101
Layer:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001832107			
Layer:		8			
Color:		6			
General Color:		BROWN			
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		115			
Formation End Depth:					
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
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 UOM:		ft			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		1001832135			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1001832098			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1001832112			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2			
Depth To:		80			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
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			
 <u>Construction Record - Screen</u>					
Screen ID:		1001832114			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
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			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832119			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		47.3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832131			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		47.9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832120			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		46.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832130			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		47.8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832118			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		46.2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832121			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		47.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001832117			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		46.8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

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

Bore Hole Information

Bore Hole ID:	1006195831	Elevation:	399.423156
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	572758
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:			

Annular Space/Abandonment Sealing Record

Plug ID:	1006196744
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Method of Construction & Well Use

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

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/726\7266478.pdf

Bore Hole Information

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:			

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

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

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1006149171				
Test Type:	Recovery				
Test Duration:	5				
Test Level:	6.5				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1006149186				
Test Type:	Recovery				
Test Duration:	60				
Test Level:	4.1				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1006149176				
Test Type:	Recovery				
Test Duration:	20				
Test Level:	5.3				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1006149174				
Test Type:	Recovery				
Test Duration:	15				
Test Level:	5.6				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1006149175				
Test Type:	Draw Down				
Test Duration:	20				
Test Level:	7.8				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1006149178				
Test Type:	Recovery				
Test Duration:	25				
Test Level:	5.1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149180			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		4.8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149177			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		8.4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149184			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		4.3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149179			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		8.7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149172			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		6			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149182			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		4.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006149185			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	1 of 1	E/158.2	439.2 / 12.16	con 9 ON	WWIS

Well ID:	7302829	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	1/8/2018
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z270833	Owner:	
Tag:	A219404	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
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):

Bore Hole Information

Bore Hole ID:	1006952723	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	574038
Code OB Desc:		North83:	4846297
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/14/2017	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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1007076909			
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007076939			
Layer:		1			
Plug From:		0			
Plug To:		192			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007076938			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007076907			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Casing</u>					
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			
<u>Construction Record - Screen</u>					
Screen ID:		1007076918			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR: Pumping Duration MIN: Flowing:	1				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076934 Recovery 50 112 ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076919 Draw Down 5 124 ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076929 Draw Down 30 138 ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076932 Recovery 40 112 ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076928 Recovery 25 112 ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076920 Recovery 5 117 ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:		1007076923 Draw Down 15 134 ft			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		60			
Test Level:		112			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007076926			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		112			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007076922			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		113			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007076921			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		130			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		1007076915			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		217			
Water Found Depth UOM:		ft			
 <u>Hole Diameter</u>					
Hole ID:		1007076914			
Diameter:		6			
Depth From:		192			
Depth To:		222			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
 <u>Hole Diameter</u>					
Hole ID:		1007076913			
Diameter:		8.75			
Depth From:		0			
Depth To:		192			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
29	1 of 1	ESE/215.7	417.4 / -9.64	lot 15 con 8 ON	WWIS
Well ID:	6710324	Data Entry Status:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/28/1990
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3317
Casing Material:				Form Version:	1
Audit No:	57343			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/671\6710324.pdf

Bore Hole Information

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:			

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID:	932647366
Layer:	2
Color:	2

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		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			
<u>Construction Record - Casing</u>					
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			
<u>Results of Well Yield Testing</u>					
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			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934619494			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935132185			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934871769			
Test Type:		Draw Down			
Test Duration:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		36			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934345495			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		36			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933963928			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933963929			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		135			
Water Found Depth UOM:		ft			
30	1 of 1	NNW/244.0	399.9 / -27.20	lot 18 con 9 ON	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):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712434.pdf				
<u>Bore Hole Information</u>					
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932657129			
Layer:		1			
Color:					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932657130			
Layer:		2			
Color:		6			
General Color:		BROWN			
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			
<u>Overburden and Bedrock Materials Interval</u>					
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			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		966712434			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11024837			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
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			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Results of Well Yield Testing</u>					
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:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934616793			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934352205			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935138855			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934869045			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		5			
Test Level UOM:		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>
<u>Water Details</u>					
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	PO Box No:	
Status:		Country:	Canada
Approval Years:	2015	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	ELAYNE MCSKIMMING
MHSW Facility:	No	Phone No Admin:	519-833-9775 Ext.
SIC Code:	418110		
SIC Description:	RECYCLABLE METAL WHOLESALER-DISTRIBUTORS		

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	Decision Posted:	
Ministry Ref No:	W960062	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	August 16, 2001	Act 2:	
Proposal Date:	May 16, 1996	Site Location Map:	
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:			

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

Site:	PRIVATE OWNER	Database:	SPL
	8 TH LINE OF ERIN, GREEN EMERGENCY # 5552. STORAGE TANK/BARREL ERIN TOWN ON		
Ref No:	160873	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	10/7/1998	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CAUSE (N.O.S.)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	75405
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	AL	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	FD & WORKS
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/7/1998	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	INTENTIONAL/PLANNED	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PRIVATE OWNER-DARK SMOKE & RUNOFF FROM FIRE INVOL-VING HAZARDOUS MAT'L, FD.		
Contaminant Qty:			

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 or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 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.

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 is 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

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Records are not verified for accuracy or completeness.

Government Publication Date: 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
12th 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^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (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

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.

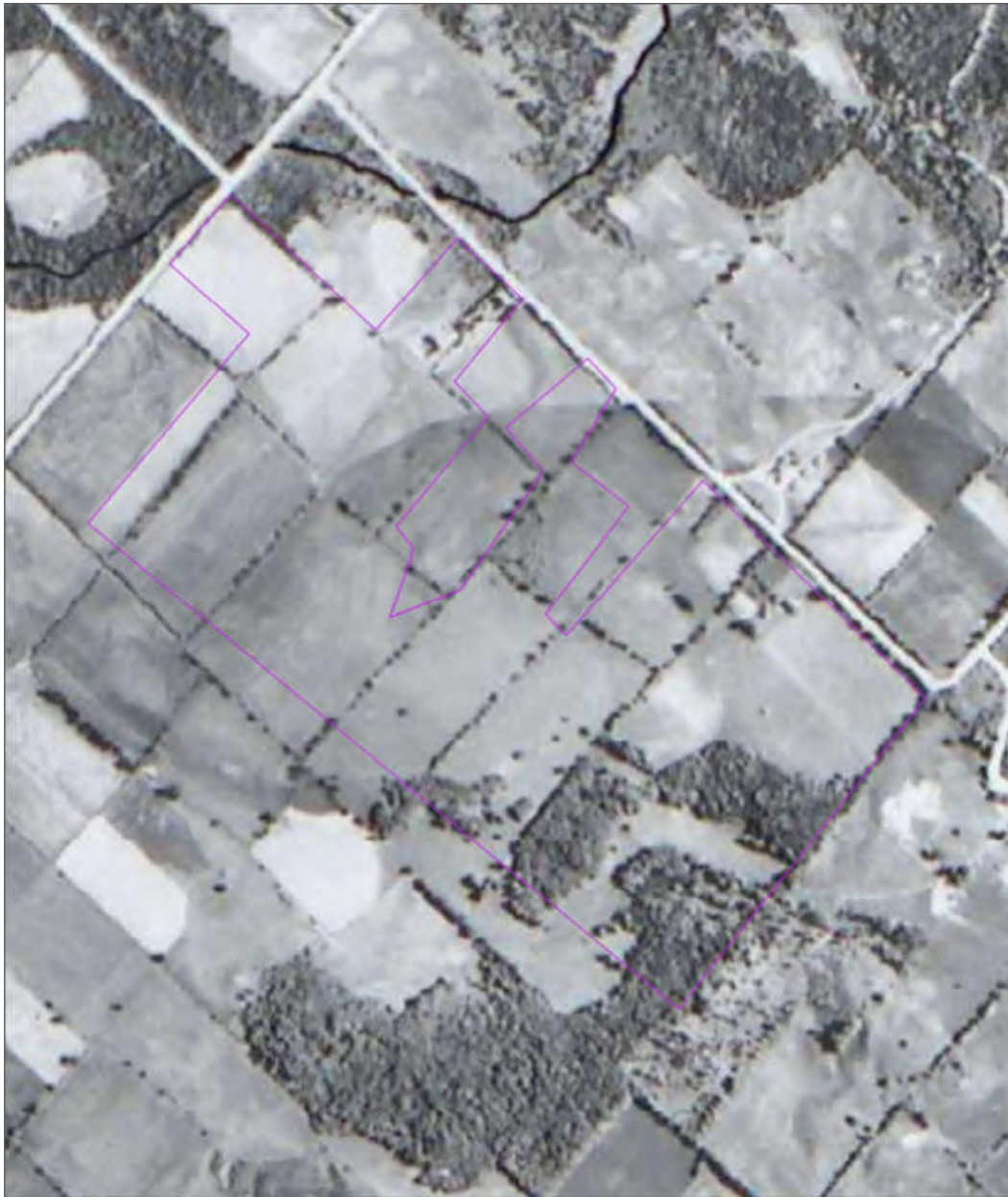
Should you have any questions, please contact Public Information at publicinformationservices@tssa.org.

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



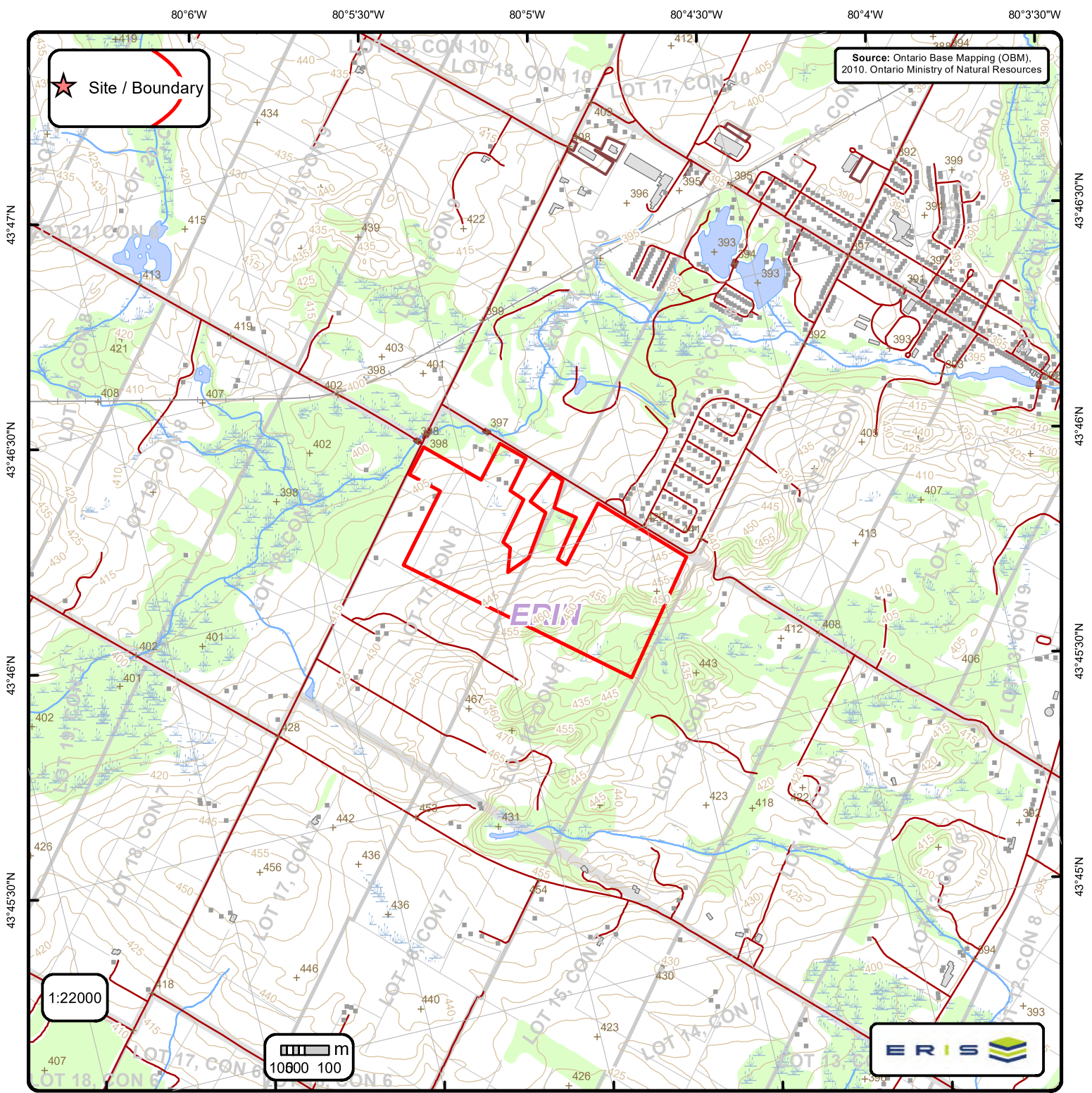
Aerial Photograph – 2015



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

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Hydrologic Information.....	12
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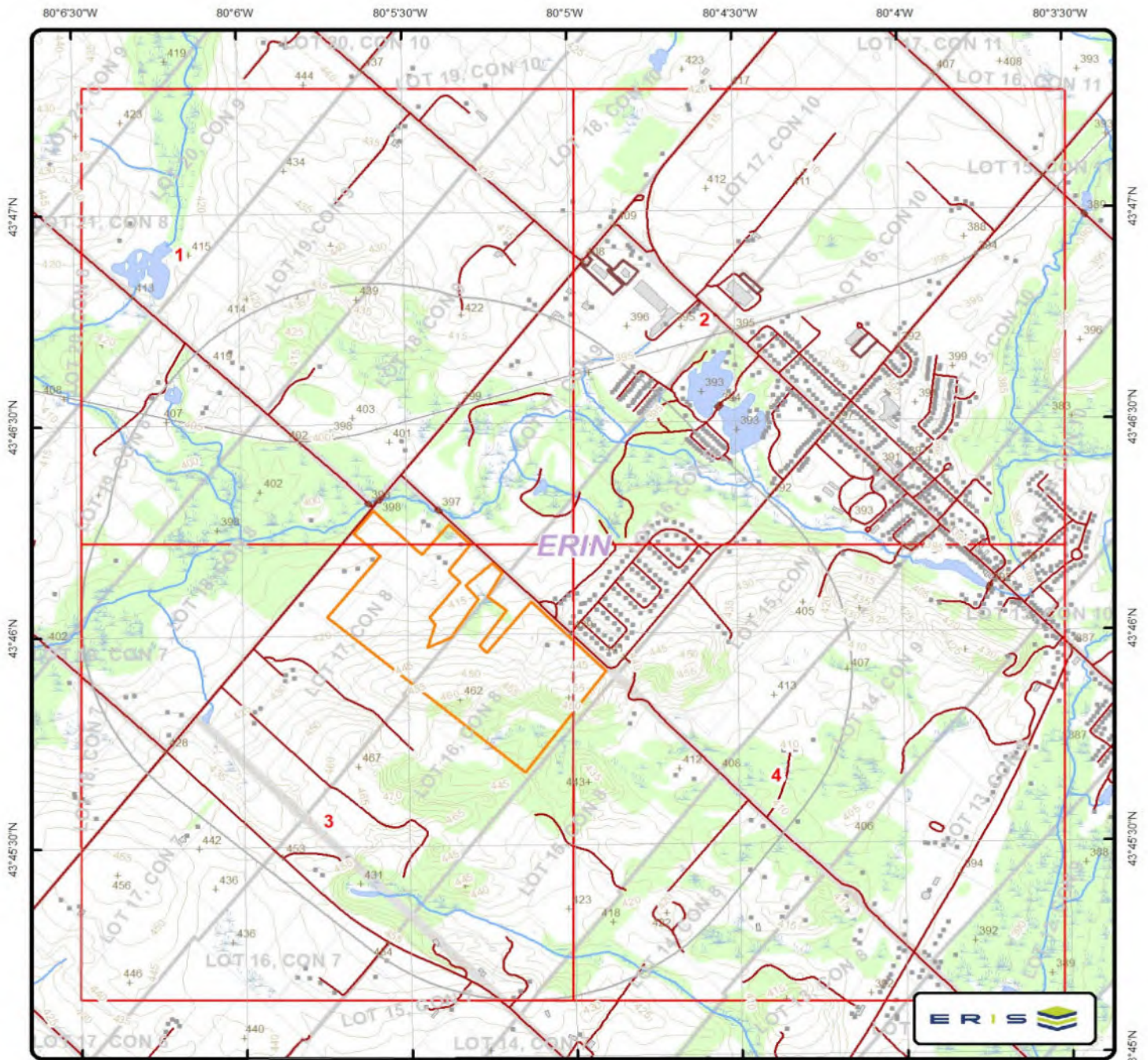
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography as well as hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, and radon 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

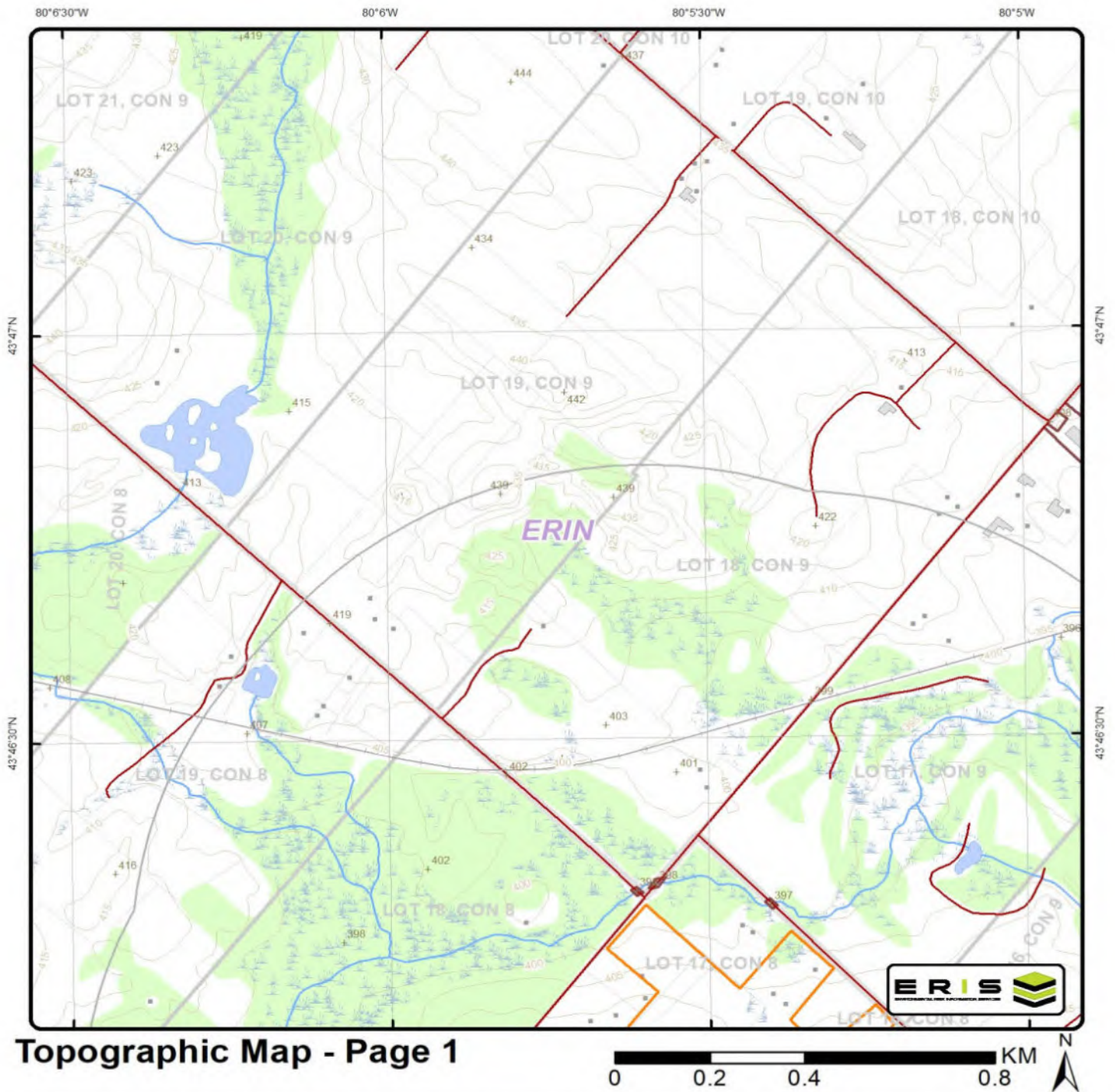
0 0.375 0.75 1.5 KM



+	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.

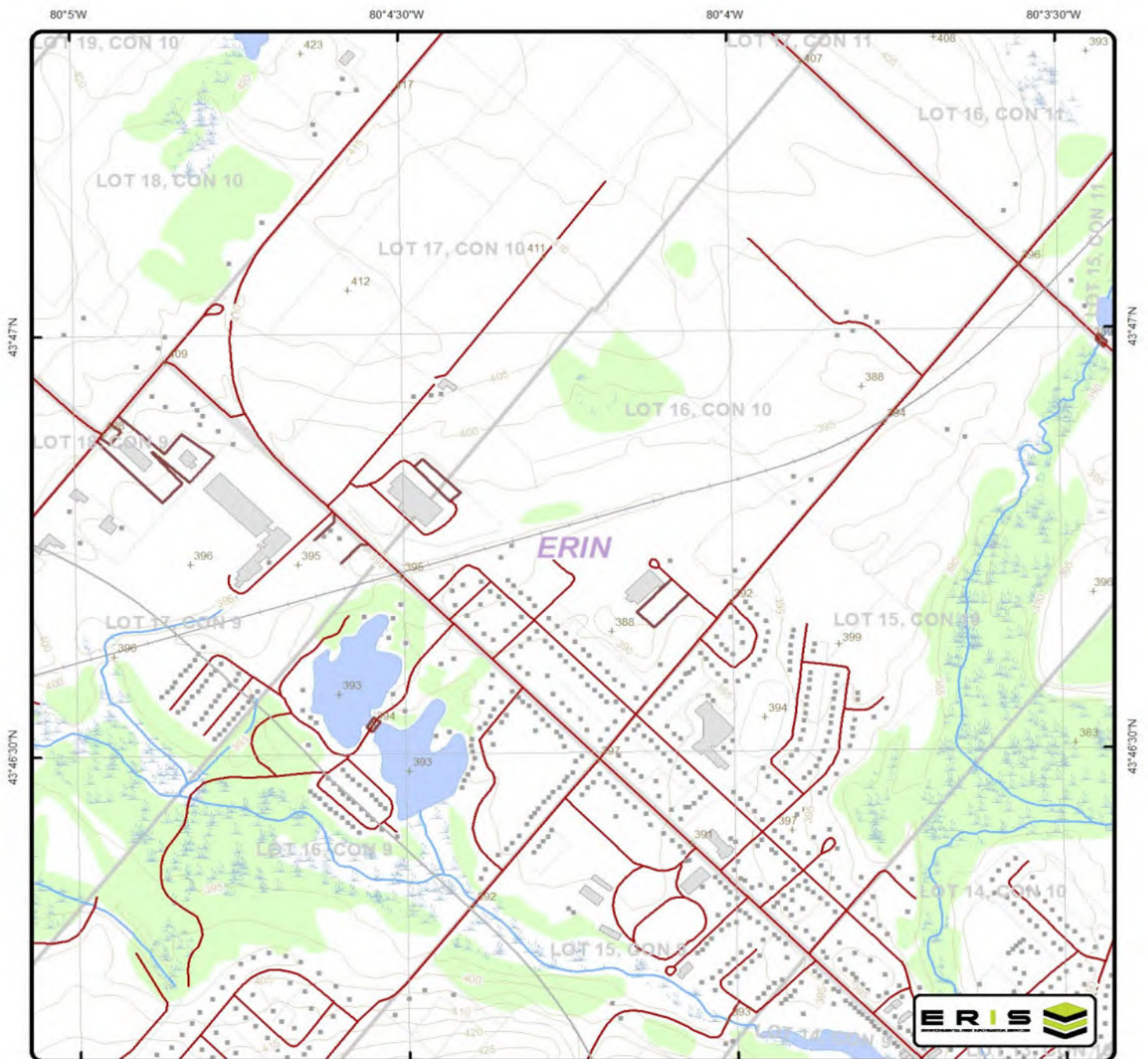
Topographic Information



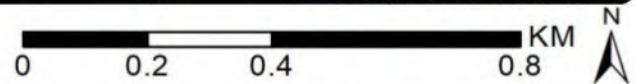
+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	■	Wooded Area
•	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⚙	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
•	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River 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



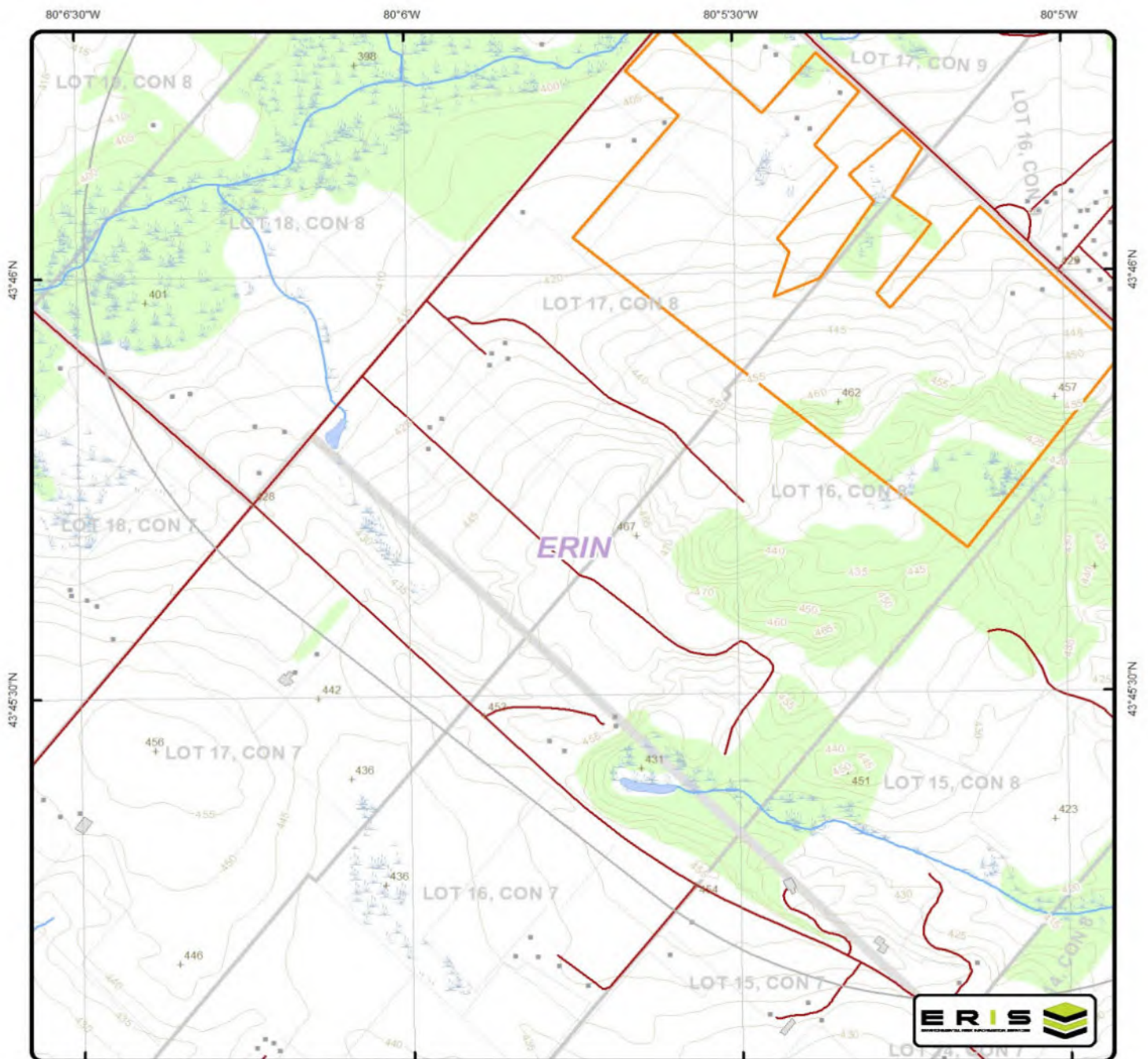
Topographic Map - Page 2



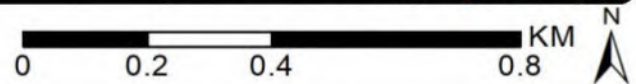
+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	—	Wooded Area
•	Building Point	—	Utility Line	—	Pit or Quarry	—	Conservation Authority
⚡	Towers	—	Water Structure	—	Waterbody	—	Conservation Area
•	Utility Site Point	—	Drainage Line Feature	—	Wetlands	—	Municipal Park
—	Misc. Line	—	River 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



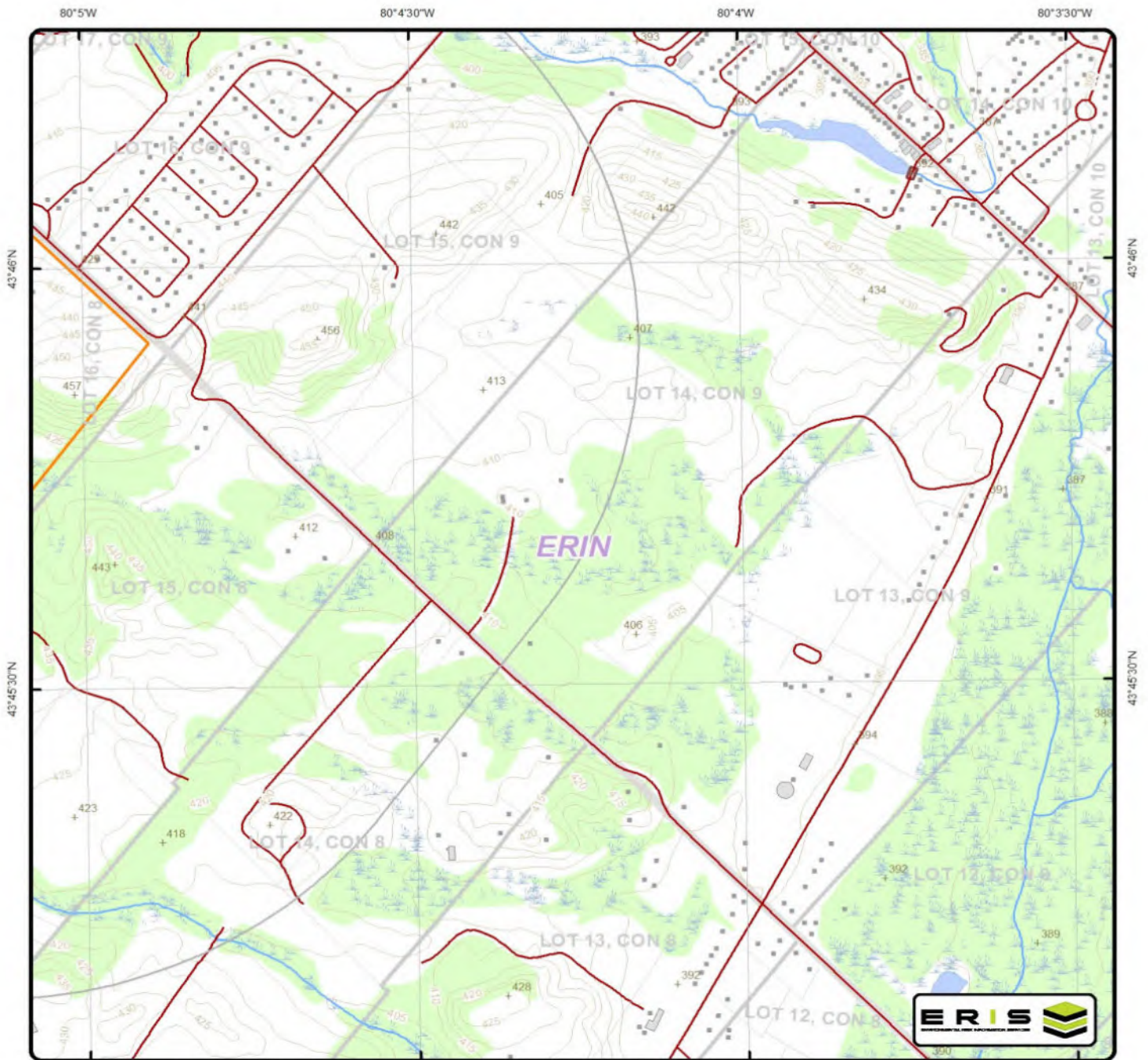
Topographic Map - Page 3



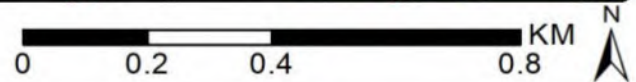
+	Spot Height (metre)	—	Transportation Structure	—	Contour Line	■	Wooded Area
•	Building Point	—	Utility Line	■	Pit or Quarry	■	Conservation Authority
⚡	Towers	—	Water Structure	■	Waterbody	■	Conservation Area
•	Utility Site Point	—	Drainage Line Feature	■	Wetlands	■	Municipal Park
—	Misc. Line	—	River 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		

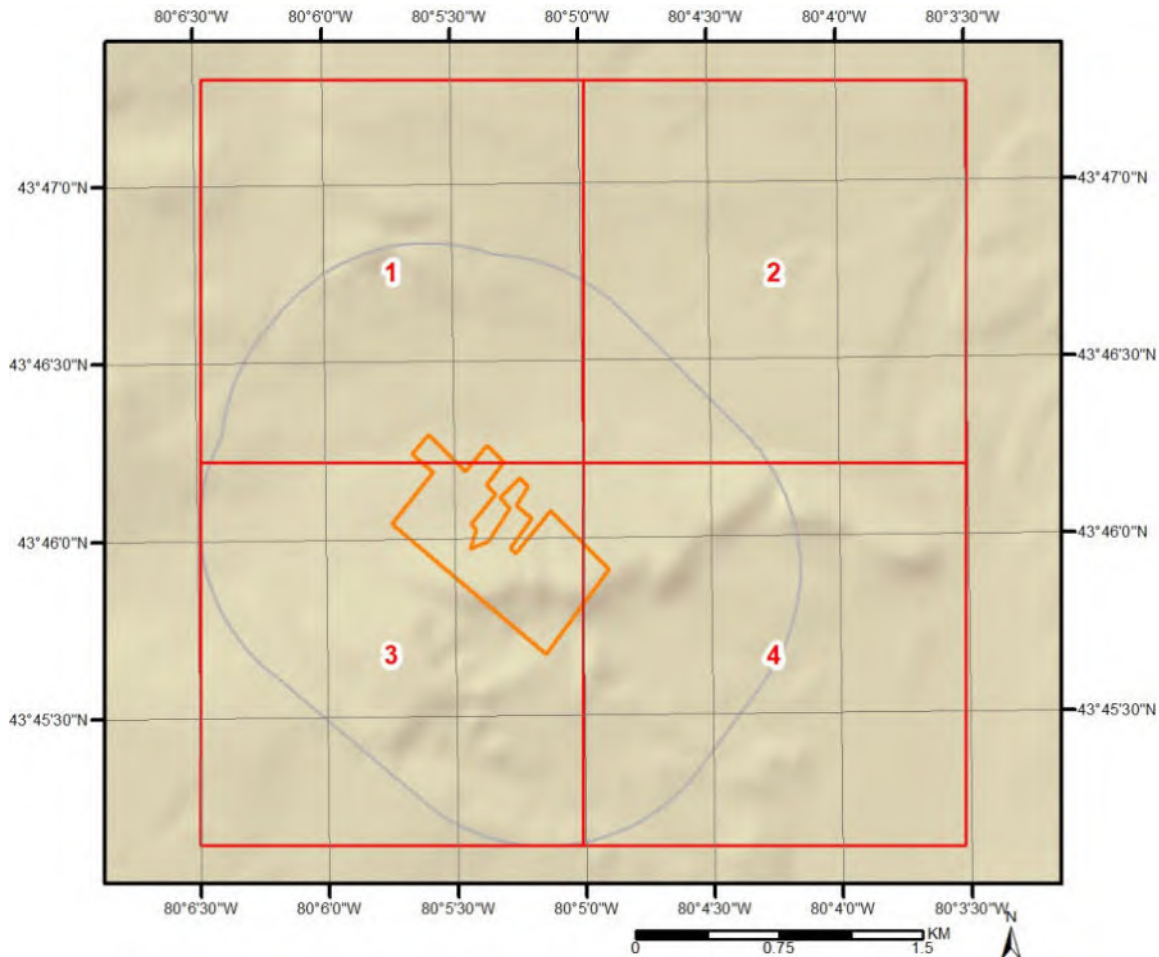
Data source: Ontario Base Mapping (OBM) by Ontario Ministry of Natural Resources.

Topographic Information

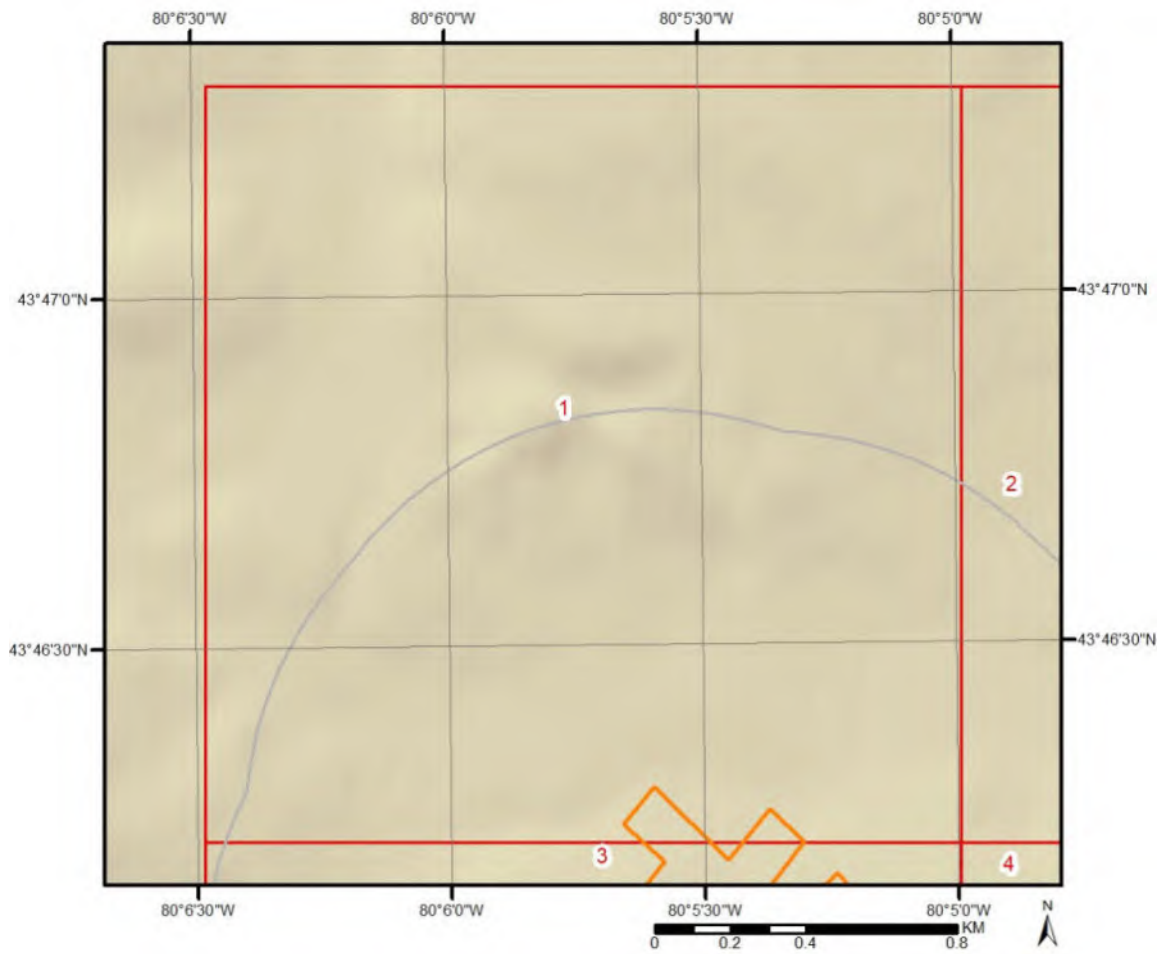
The previous topographic map(s) show general topographic information in the surrounding area of the project property, using Toporama data or a provincial source when available. Below are shaded relief map(s), derived from Digital Elevation data to depict terrain in further detail.

Topographic information at project property:

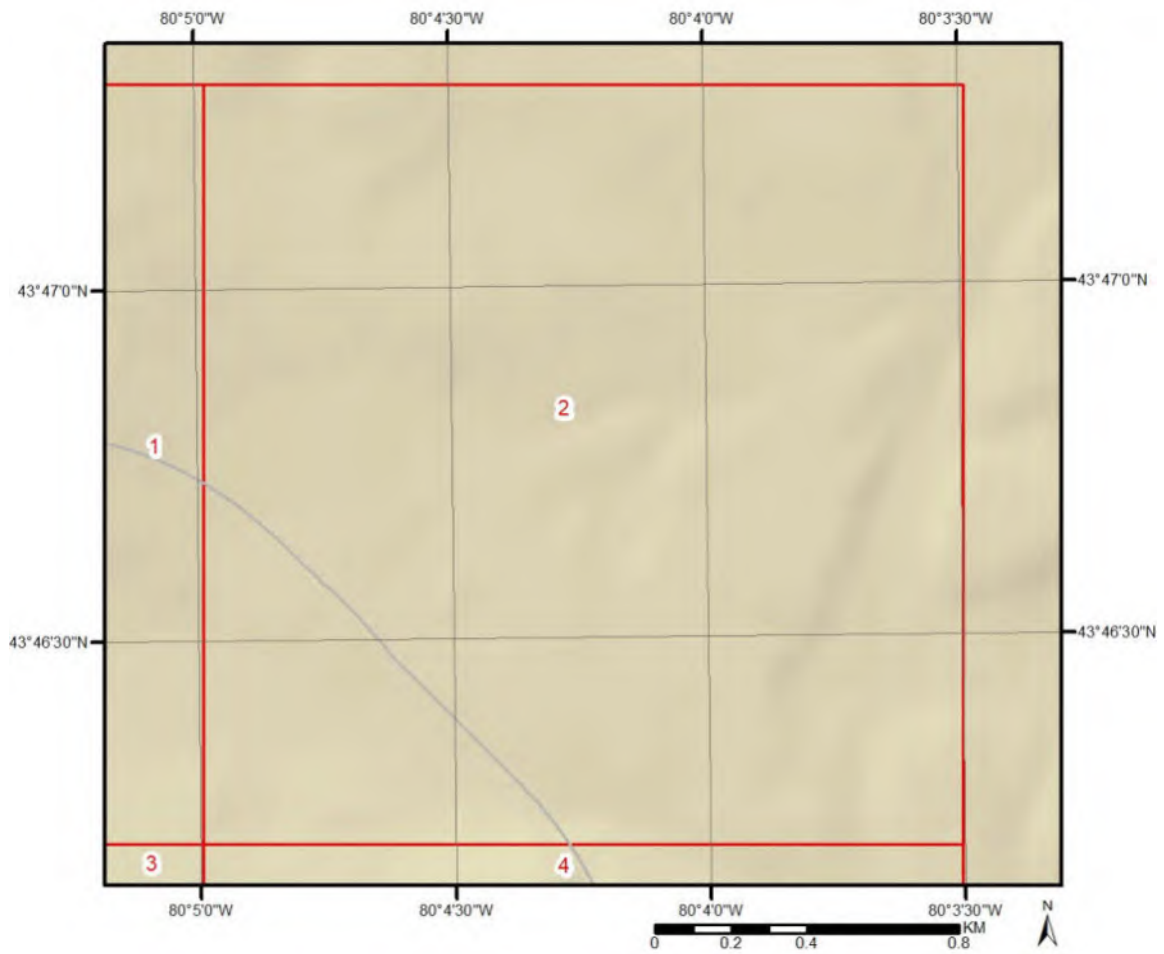
Elevation: 427.07 m
Slope Direction: N



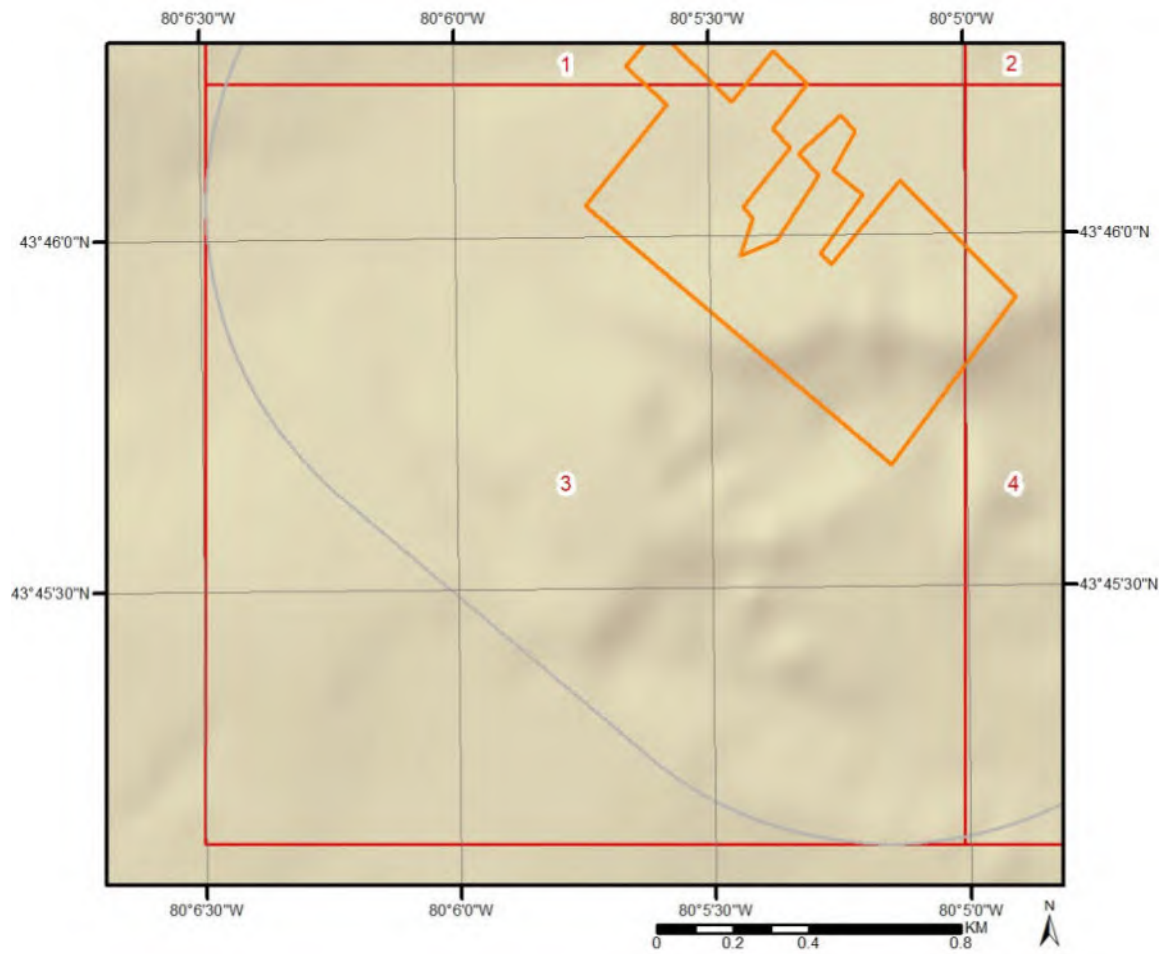
Topographic Information



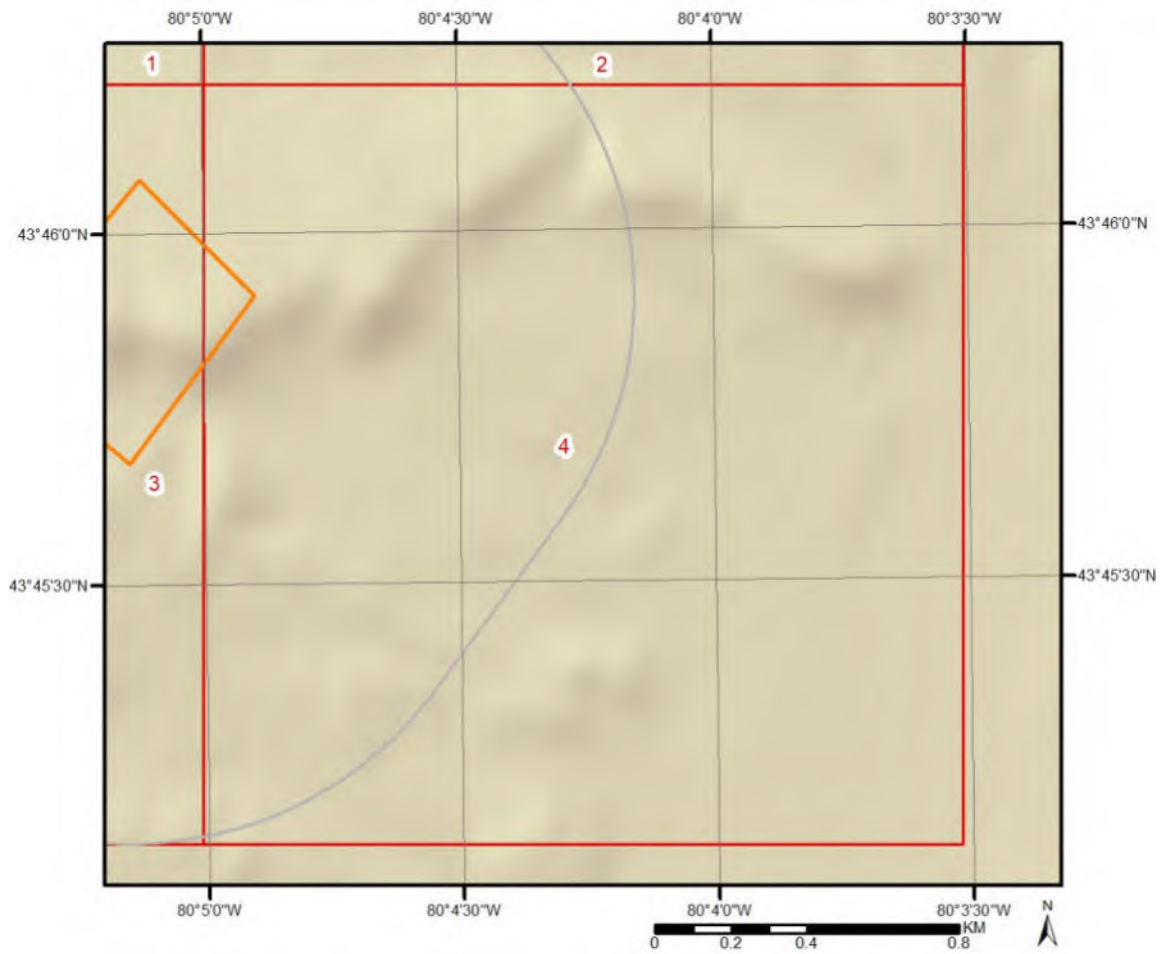
Topographic Information



Topographic Information



Topographic Information

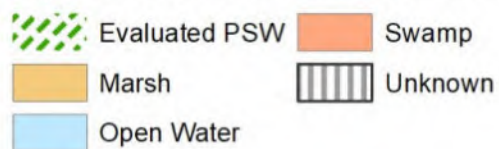


Hydrologic Information

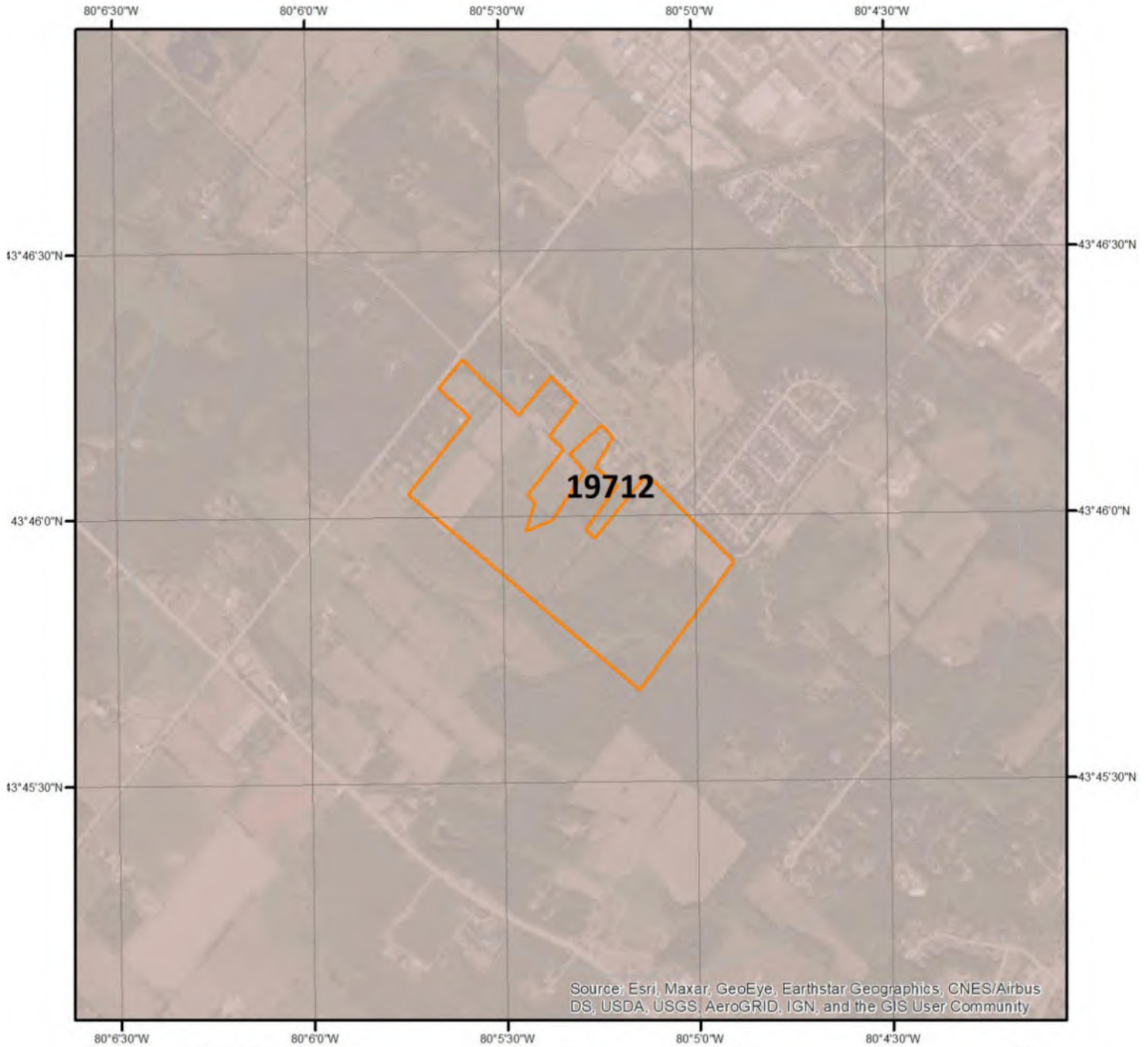


Wetland

This map shows wetland existence. Data coverage is shown to the right. Gray indicates no data available in the area.



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.

0 0.2 0.4 0.8 KM



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)

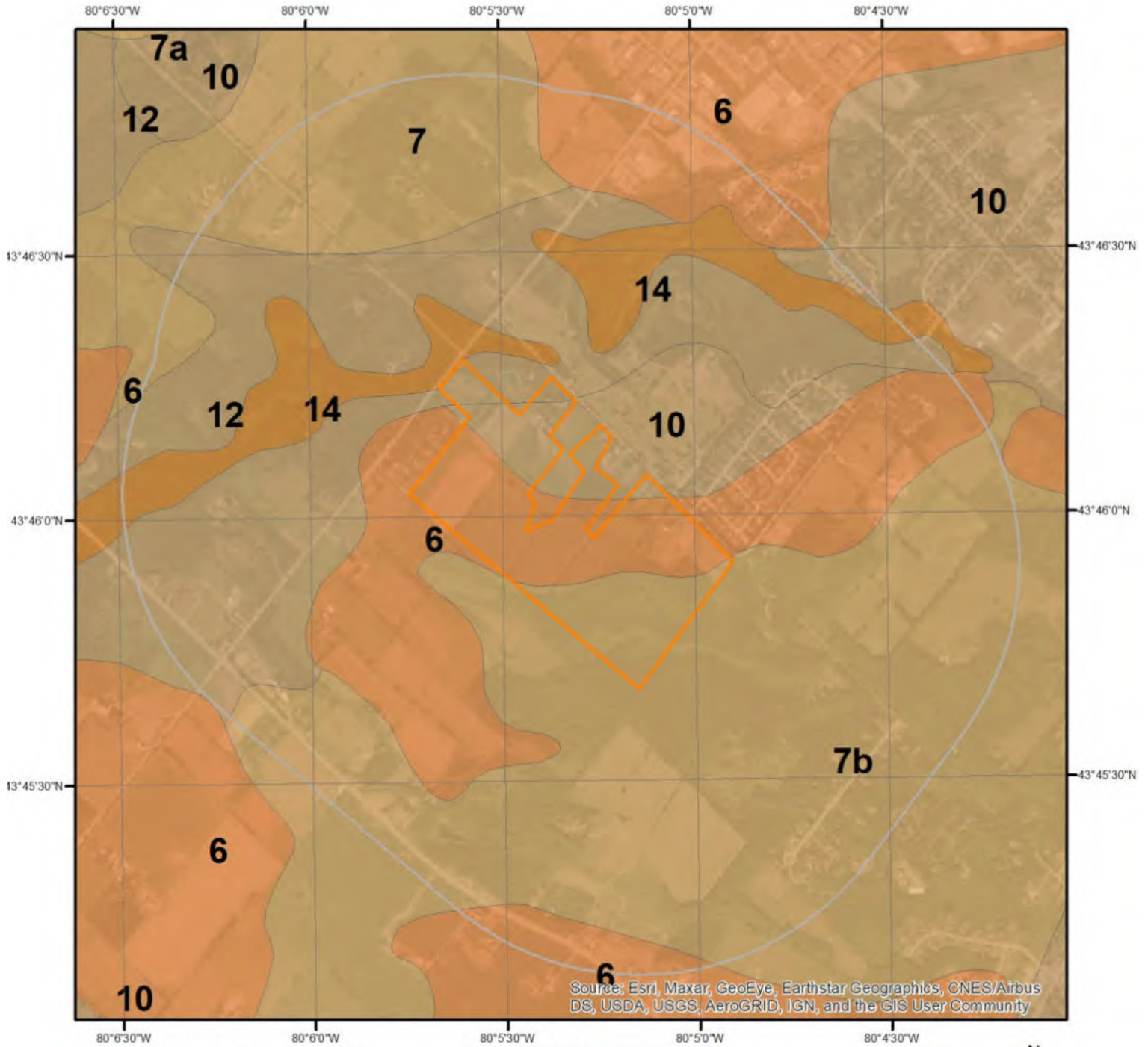
Epoch:

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

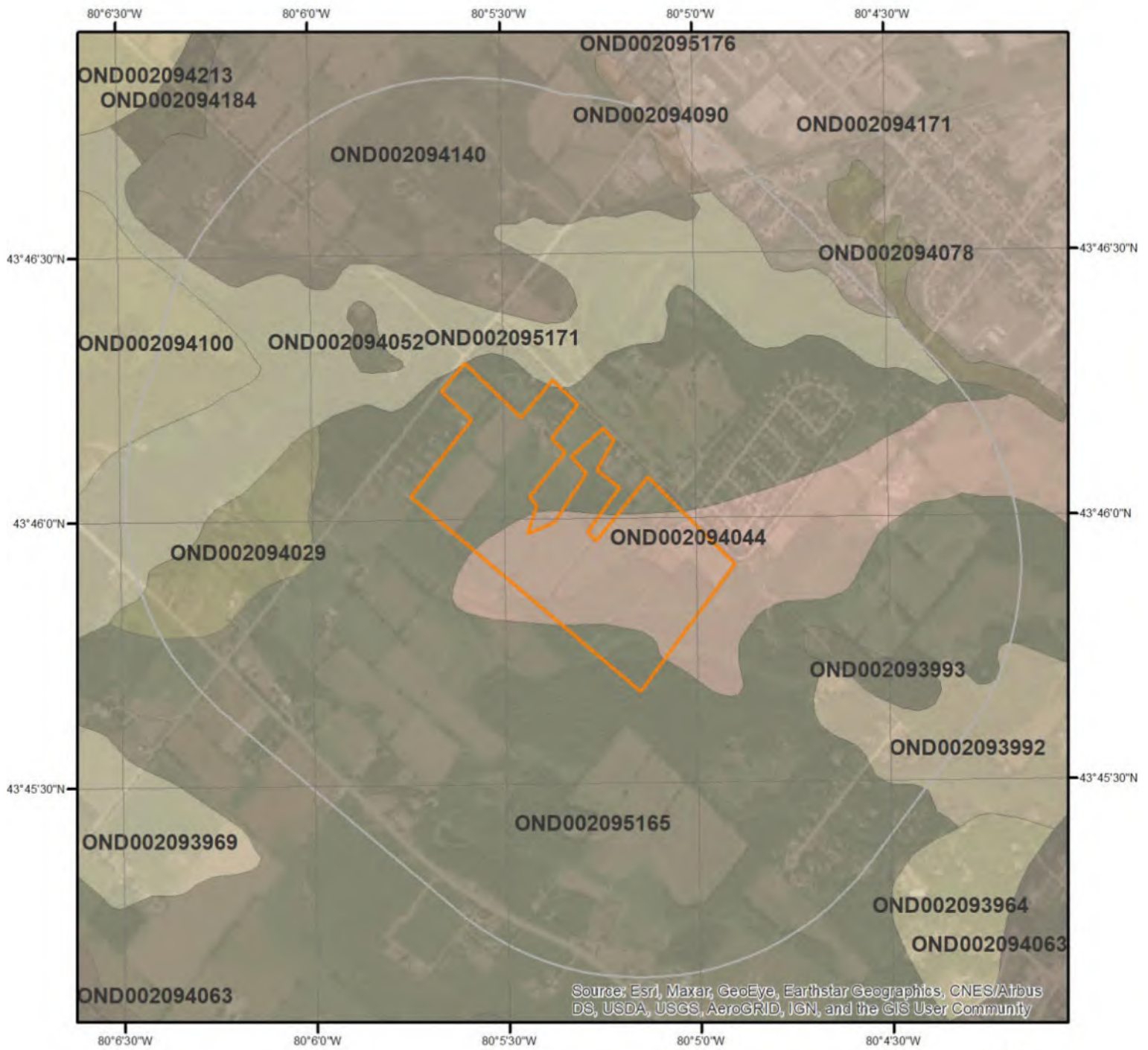
Geological Deposit:	Bog deposits
Deposit Age:	Recent
Primary Material:	organic deposits
Secondary Material:	
Primary General:	wetland
Primary General Modifier:	
Veneer:	
Episode:	Hudson
Sub Episode:	
Strata Modifier:	Surface
Provenance:	
Carbon Content:	
Formation:	
Permeability:	High
Material Description:	Peat, muck, marl

Geologic Information

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

Component ID:	OND00209410001	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 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

Layer No:	1	Very Fine Sand(%):	16
Horizon:	Ap	Total Sand(%):	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

Field Crops Capability:	Very severe limitations preclude annual cultivation; 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:	
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

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

Soil Information

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: OND002094029

Component

Component ID:	OND00209402901	Components(%):	100
Soil Name ID:	ONBSB~~~~~A	Slope Steepness(%):	1.2
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	Low inherent soil Fertility
Subclass:	
Second CLI Limitation	
Subclass:	
Drainage:	Imperfectly
Soil Texture of A	medium - moderately fine loam
Horizon:	
Hydrological Soil Groups:	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

Layer No:	1	Very Fine Sand(%):	9
Horizon:	Ap	Total Sand(%):	45
Depth(cm):	0-17	Total Silt(%):	42
pH in Calc Chloride:	7	Total Clay(%):	13
Saturated Hydraulic Conductivity(cm/h):	1.531	Organic Carbon(%):	2.5
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	9
Horizon:	Ap	Total Sand(%):	43
Depth(cm):	17-26	Total Silt(%):	45
pH in Calc Chloride:	7.2	Total Clay(%):	12
Saturated Hydraulic Conductivity(cm/h):	1.476	Organic Carbon(%):	2
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

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

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

Layer No:	1	Very Fine Sand(%):	13
Horizon:	Ap	Total Sand(%):	36
Depth(cm):	0-21	Total Silt(%):	46
pH in Calc Chloride:	7.4	Total Clay(%):	18
Saturated Hydraulic Conductivity(cm/h):	0.693	Organic Carbon(%):	1.7
Electrical Conductivity (dS/m):	0		
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		

Component

Soil Information

Component ID:	OND00209404402	Components(%):	40
Soil Name ID:	ONDYK~~~~~A	Slope Steepness(%):	37.5
Component No:	2	Slope Length(m):	-9
Surface Stoniness Class:	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

Layer No:	1	Very Fine Sand(%):	13
Horizon:	Ap	Total Sand(%):	36
Depth(cm):	0-21	Total Silt(%):	46
pH in Calc Chloride:	7.4	Total Clay(%):	18
Saturated Hydraulic Conductivity(cm/h):	0.693	Organic Carbon(%):	1.7
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	15
Horizon:	Bmk	Total Sand(%):	73
Depth(cm):	21-27	Total Silt(%):	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

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		

Soil Information

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:	OND00209414002	Components(%):	40
Soil Name ID:	ONHLG~~~~~A	Slope Steepness(%):	22.5
Component No:	2	Slope Length(m):	-9
Surface Stoniness Class:	Moderately stony		

Component Rating

Field Crops Capability:	Very severe limitations preclude annual cultivation; 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:	
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

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

Layer No:	1	Very Fine Sand(%):	9
Horizon:	Ap	Total Sand(%):	45
Depth(cm):	0-17	Total Silt(%):	42
pH in Calc Chloride:	7	Total Clay(%):	13
Saturated Hydraulic Conductivity(cm/h):	1.531	Organic Carbon(%):	2.5
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	9
Horizon:	Ap	Total Sand(%):	43
Depth(cm):	17-26	Total Silt(%):	45
pH in Calc Chloride:	7.2	Total Clay(%):	12
Saturated Hydraulic Conductivity(cm/h):	1.476	Organic Carbon(%):	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

Layer No:	1	Very Fine Sand(%):	0
Horizon:	Ap	Total Sand(%):	60
Depth(cm):	0-20	Total Silt(%):	30
pH in Calc Chloride:	7.2	Total Clay(%):	10
Saturated Hydraulic Conductivity(cm/h):	2.538	Organic Carbon(%):	1.4
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	0
Horizon:	Ae	Total Sand(%):	59
Depth(cm):	20-36	Total Silt(%):	36
pH in Calc Chloride:	7.1	Total Clay(%):	5
Saturated Hydraulic Conductivity(cm/h):	4.261	Organic Carbon(%):	0.2
Electrical Conductivity (dS/m):	0		
Layer No:	3	Very Fine Sand(%):	0
Horizon:	Ae	Total Sand(%):	68
Depth(cm):	36-48	Total Silt(%):	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

Polygon ID: OND002094052

Component

Component ID:	OND00209405201	Components(%):	60
Soil Name ID:	ONDYK~~~~~A	Slope Steepness(%):	7
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 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

Layer No:	1	Very Fine Sand(%):	13
Horizon:	Ap	Total Sand(%):	36
Depth(cm):	0-21	Total Silt(%):	46
pH in Calc Chloride:	7.4	Total Clay(%):	18
Saturated Hydraulic Conductivity(cm/h):	0.693	Organic Carbon(%):	1.7
Electrical Conductivity (dS/m):	0		

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		

Soil Information

Component

Component ID:	OND00209405202	Components(%):	40
Soil Name ID:	ONDYK~~~~~A	Slope Steepness(%):	7
Component No:	2	Slope Length(m):	-9
Surface Stoniness Class:	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

Layer No:	1	Very Fine Sand(%):	13
Horizon:	Ap	Total Sand(%):	36
Depth(cm):	0-21	Total Silt(%):	46
pH in Calc Chloride:	7.4	Total Clay(%):	18
Saturated Hydraulic Conductivity(cm/h):	0.693	Organic Carbon(%):	1.7
Electrical Conductivity (dS/m):	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	Low inherent soil Fertility
Subclass:	
Second CLI Limitation	Low inherent Moisture holding capacity
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 Information

Soil Name

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

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

Soil Information

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:	OND00209516502	Components(%):	40
Soil Name ID:	ONHLG~~~~~A	Slope Steepness(%):	22.5
Component No:	2	Slope Length(m):	-9
Surface Stoniness Class:	Moderately stony		

Component Rating

Field Crops Capability:	Very severe limitations preclude annual cultivation; 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:	
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 Information

Soil Layer

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: OND002093992

Soil Information

Component

Component ID:	OND00209399201	Components(%):	100
Soil Name ID:	ONBSB~~~~~A	Slope Steepness(%):	3.5
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

Layer No:	1	Very Fine Sand(%):	9
Horizon:	Ap	Total Sand(%):	45
Depth(cm):	0-17	Total Silt(%):	42
pH in Calc Chloride:	7	Total Clay(%):	13
Saturated Hydraulic Conductivity(cm/h):	1.531	Organic Carbon(%):	2.5
Electrical Conductivity (dS/m):	0		
Layer No:	2	Very Fine Sand(%):	9

Soil Information

Horizon:	Ap	Total Sand(%):	43
Depth(cm):	17-26	Total Silt(%):	45
pH in Calc Chloride:	7.2	Total Clay(%):	12
Saturated Hydraulic Conductivity(cm/h):	1.476	Organic Carbon(%):	2
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: OND002094078

Component

Component ID:	OND00209407801	Components(%):	100
Soil Name ID:	ONZZZ~~~~~N	Slope Steepness(%):	Unknown or Not applicable
Component No:	1	Slope Length(m):	-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 Not applicable

Growth:

Type of Root Restricting n/a

Layer:

Parent Material 1, 2, 3: Not Applicable; Not Applicable; Not Applicable

Mode of Deposition Not Applicable; Not Applicable; Not Applicable

1,2,3:

Parent Material Chemical Not Applicable; Not Applicable; Not Applicable

Property 1,2,3:

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

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:

Drainage: Very Poorly

Soil Texture of A

Horizon:

Hydrological Soil

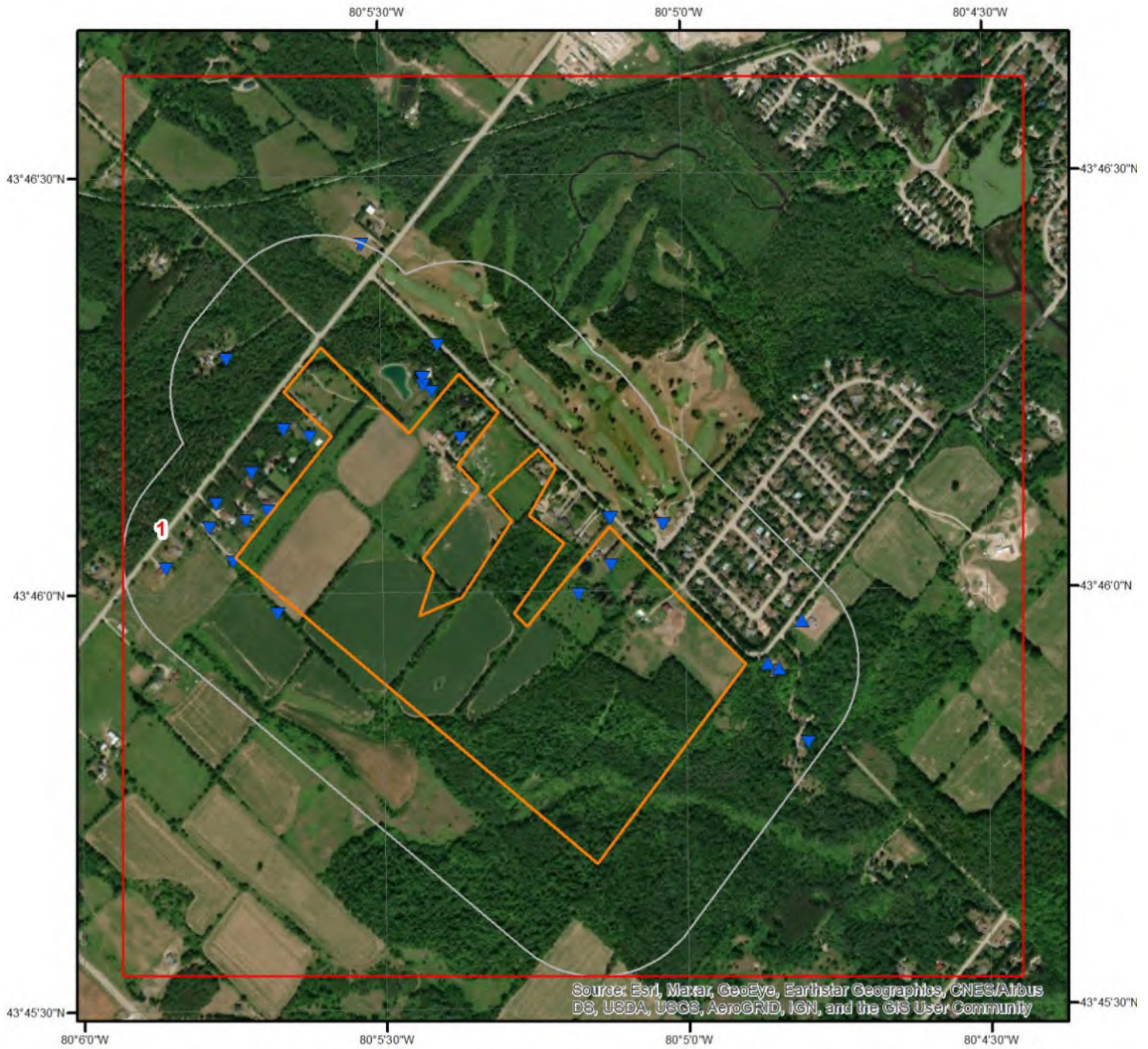
Groups:

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	Unspecified period
Charateristics:	
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	Not Applicable; Not Applicable; Not Applicable
1,2,3:	
Parent Material Chemical Property 1,2,3:	Not Applicable; Not Applicable; Not Applicable

Wells and Additional Sources



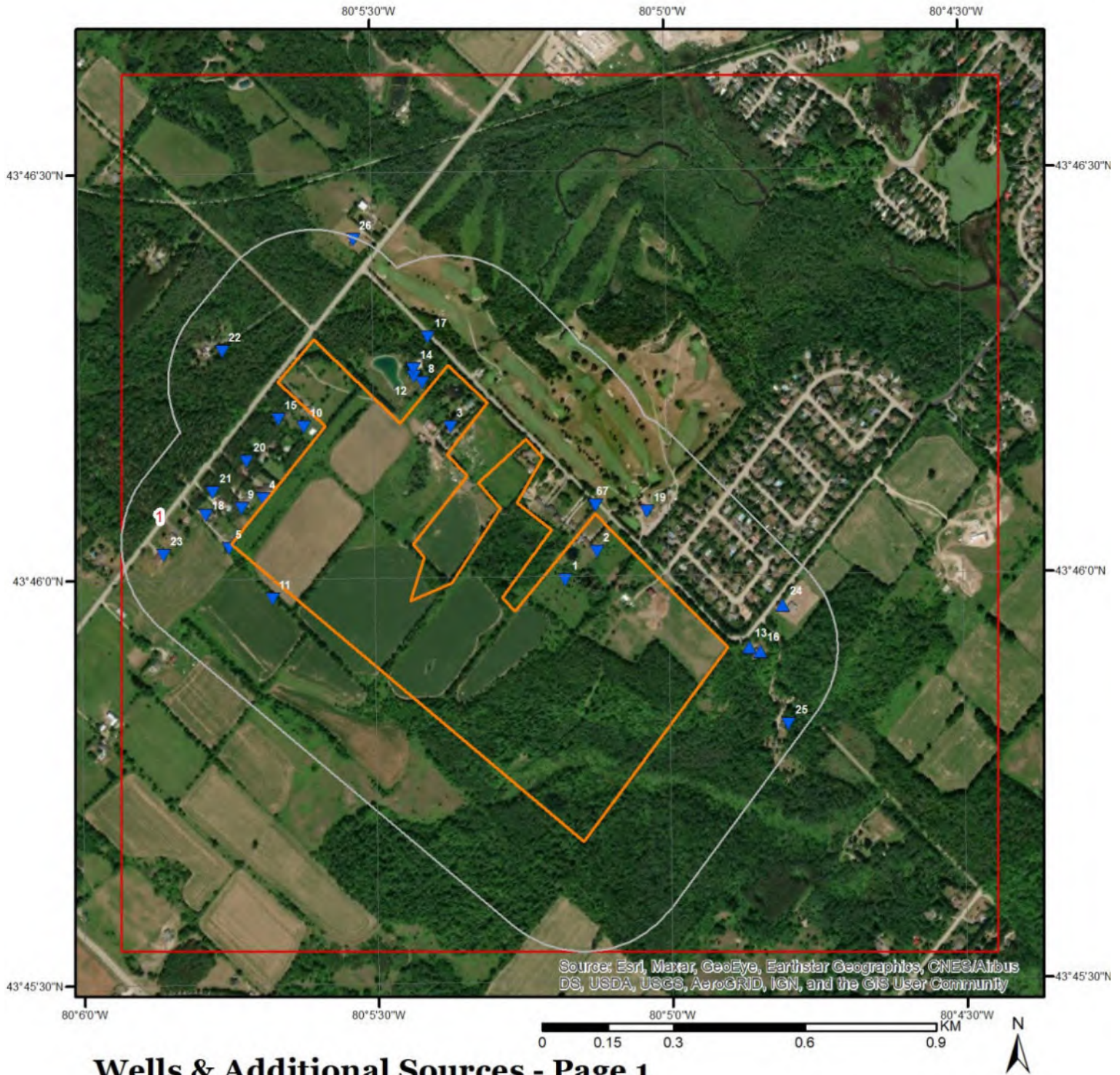
Wells & Additional Sources

- | | |
|------------------|------------------------------|
| Project Property | Buffer |
| Buffer | Sites with Higher Elevation |
| Buffer | Sites with Same Elevation |
| Buffer | Sites with Lower Elevation |
| Buffer | Sites with Unknown Elevation |

0 0.225 0.45 0.9 KM



Wells and Additional Sources



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

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

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

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

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

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

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

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		
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: 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

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

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

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

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
10	NW	0.03	34.63	405.62	WWIS

Well ID:	6704165	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	2/11/1972
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3316
Casing Material:		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

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
Code: 2
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

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

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

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

Test Duration: 4
Test Level: 130
Test Level UOM: ft

Pump Test Detail ID: 1005194049
Test Type: Draw Down
Test Duration: 40
Test Level: 135
Test Level UOM: ft

Pump Test Detail ID: 1005194038
Test Type: Recovery
Test Duration: 5
Test Level: 130
Test Level UOM: ft

Water ID: 1005194025
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 212
Water Found Depth UOM: ft

Hole ID: 1005194023
Diameter: 8.75
Depth From: 0
Depth To: 202
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole ID: 1005194024
Diameter: 6
Depth From: 202
Depth To: 214
Hole Depth UOM: ft
Hole Diameter UOM: inch

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
14	NNW	0.05	54.89	396.87	WWIS

Well ID: 7156327 Data Entry Status:

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

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	1
Code:	
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

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
 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 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

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

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

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

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

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

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

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

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

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

Code:

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

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 ft

UOM:

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 ft

UOM:

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 ft

UOM:

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

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

Construction Date:

Primary Water Use: Domestic

Sec. Water Use:

Final Well Status: Water Supply

Water Type:

Casing Material:

Audit No: Z227731

Tag: A202051

Construction Method:

Elevation (m):

Elevation Reliability:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Static Water Level:

Flowing (Y/N):

Flow Rate:

Data Entry Status:

Data Src:

Date Received: 7/18/2016

Selected Flag: Yes

Abandonment Rec:

Contractor: 2576

Form Version: 7

Owner:

Street Name: 9457 SIDE RD 17

County: WELLINGTON

Municipality: ERIN TOWNSHIP

Site Info:

Lot: 017

Concession: 08

Concession Name: CON

Easting NAD83:

Northing NAD83:

Zone:

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

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

Map Key	Direction	Distance (km)	Distance (m)	Elevation (m)	DB
24	E	0.16	158.21	439.23	WWIS

Well ID:	7302829	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	1/8/2018
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	7154
Casing Material:		Form Version:	7
Audit No:	Z270833	Owner:	
Tag:	A219404	Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		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	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	6/28/1990
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3317
Casing Material:		Form Version:	1
Audit No:	57343	Owner:	
Tag:		Street Name:	
Construction Method:		County:	WELLINGTON
Elevation (m):		Municipality:	ERIN TOWNSHIP
Elevation Reliability:		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

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

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):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/671\6712434.pdf				
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

ID:	144852	Radon Rank:	LOW
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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/m³, 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 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.

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.

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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