



Request for Proposal

Project Title: Purchase and Removal of Fill

Request # TMW-2026-16

Activity	Date
Initial Release	2026-09-21
Bids Due	2026-10-02
Bids Opened	2026-10-05
Bids Presented to Council	2026-10-19

Municipality of Markstay-Warren
21 Main Street, South
P.O. Box 79
Markstay, ON, P0M 2G0

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2 CONFIDENTIALITY STATEMENT

This document and any attachments thereto, regardless of form or medium, is intended only for use by the addressee(s) and may contain legally privileged and/or confidential, copyrighted, trademarked, patented, or otherwise restricted information viewable by the intended recipient only. If you are not the intended recipient of this document, please respond to the originator of this message and permanently dispose of any copies and attachments.

3 SUBMISSION DEADLINES AND METHODS

All submissions for responding to this Request must be submitted to our office, as stated below, no later than:

Submissions are accepted no later than – **Friday, 02 October, 2026, at 4pm Local Time**

The use of mail to deliver a tender will be at the respondent's risk.

Submissions sent in electronic format will be accepted through email at info@markstay-warren.ca

Tenders Delivered in Person or By mail must be submitted in a sealed envelope and shall be clearly marked with the following:

- ☐ The Name and Address of the Respondent
- ☐ The Request Number
- ☐ The Project Title

Administration staff will affix on the sealed envelope:

- ☐ Date and time of receipt

Tenders Delivered Electronically must be submitted using a neutral format (i.e. PDF, scanned image files such as .jpg) The body of the e-mail must include the following:

- ☐ The Name and Address of the Respondent
- ☐ The Request Number
- ☐ The Project Title

Administration staff will affix on the sealed envelope:

- ☐ Date and time of receipt

Staff will reply with a message indicating the response has been received.

4 SUBMISSION QUESTIONS AND CLARIFICATIONS

You may contact the following Lead Person: Ronny Theiss if you have any questions or require clarification on any topics covered in this Request for Proposal.

Any revisions to the proposal or questions which may give any proponent an advantage in the bidding process will be posted on the web site on the bid page.

All questions and answers will be posted through our Web Site.

5 SUBMISSION DELIVERY ADDRESS,

The delivery address to be used for all submissions is:

Municipality of Markstay-Warren
21 Main Street, South
P.O. Box 79
Markstay, ON, P0M 2G0
Tel: 705-853-4536
Fax: 705-853-4964

6 SUBMISSION OPENING

Submissions will be publicly opened and recorded on **Monday, 05 October 2026 at 10:00 am** at the Municipal Office. Staff will review the proposal, and the successful candidate will be presented at the Special Council Meeting on **Monday, 19 October, 2026** Amendment and Withdrawal of Submission

Requests for withdrawal of submission shall be allowed if the Request is made before the closing time for the contract to which it applies. Requests shall be directed to the Lead Person by letter or in person, by a Senior Official of the company, with a signed withdrawal confirming the details. Telephone requests shall not be considered. The withdrawal of a tender does not disqualify a bidder from submitting another tender on the same contract.

7 ADDENDUMS

The Municipality may, at its discretion, amend or supplement the documents for this Request by addendum at any time before the closing date for receipt of Proposals. Changes to the requested documents shall be made by ADDENDUM ONLY. Such changes made by addendum shall be supplementary to and an integral part of the Request. All addenda must be signed and included in the final submission acknowledging all addenda issued by the Municipality. While the Municipality will endeavor to notify prospective Proponents of the issuance of an addendum, the Municipality assumes no liability for the notification, and it is the responsibility of each Proponent monitor and determines whether any addenda has been issued by the Municipality.

8 SPECIFICATIONS AND SCOPE OF WORK

8.1 INTRODUCTION

The Municipality of Markstay-Warren invites bids for the purchase and removal of all surplus fill currently stored on the Markstay Public Works Garage property.

The surplus fill originated from the previous Markstay streets revitalization project.

The successful bidder will pay the Municipality the total amount stated in its bid and will be responsible for loading, transporting and removing all the material from the property.

8.2 LOCATION

48 Main St. N. Markstay, Ontario

Bidders are encouraged to inspect the material and site before submitting a bid. Site inspections must be arranged through the Municipality.

8.3 MATERIAL

- Purchase and remove all surplus fill included in this tender. (outlined in appendix A)
- Accept the material on an “as is, where is” basis, without any warranty concerning its quantity, composition, condition or suitability for a particular use.
- Provide all labour, equipment, trucks, loading, transportation and disposal or reuse arrangements required.
- The material was removed from multiple streets within the Village of Markstay during the Markstay Streets Project.
- The material has been identified as being contaminated. The lab analysis is included in Appendix B.

8.4 TIMING

- Complete removal within 30 calendar days following the award of the contract.
- Perform removal work only after normal municipal business hours or on weekends, unless otherwise authorized in writing by the Municipality.

8.5 SITE REPORTING

- Coordinate all access and removal activities with the Public Works Manager.
- Avoid interfering with municipal operations and keep access roads clear.

8.6 SITE CLOSE OUT

- Repair, at the bidder’s expense, any damage caused to municipal property.
- Leave the site clean, level and in a condition acceptable to the Municipality.
- Comply with all applicable laws, regulations, environmental requirements, transportation rules and health and safety requirements.

8.7 QUALIFICATIONS

The removal is expected to be performed by a contractor with heavy equipment and machinery appropriate for the timely removal of bulk materials. The contractor is expected to have trained personnel meeting the definitions in this tender.

9 ASSUMPTIONS AND CONSTRAINTS

The Municipality will not be held liable for any errors or omissions in any part of this Request. The information contained herein is supplied solely as a guideline for responding Proponents. The information is not guaranteed or warranted to be accurate by the Municipality, nor is it necessarily comprehensive or exhaustive. Nothing in the Request is intended to relieve Proponents from forming their own opinions and conclusions with respect to the matters addressed in the Request. Should the Municipality be contacted, no oral explanation or interpretation will modify any of the requirements or provisions of the proposal documents.

The Municipality does not warrant or guarantee the quantity or condition of the materials. It is up to the proponent to perform a site inspection as part of the bid process and to examine all documents provided.

The successful Proponent will provide continuous and adequate protection of all work from damage and will protect the Municipality's property from injury or damage arising from or in connection with this work. The successful Proponent will make good any such damage or injury.

The successful Proponent will employ only orderly, competent and skillful employees to ensure that the services are carried out in a confidential and respectable manner.

The successful Proponent will ensure all services and products provided in respect to this proposal are in accordance with, and under authorization of all applicable authorities, municipal, provincial and/or federal legislation.

The successful Proponent will, throughout the term of the contract, obtain and maintain in force a General Liability Insurance of not less than \$2,000,000 (per occurrence) inclusive, to indemnify and hold harmless the Municipality of French River against any liability for property damage or personal injury, including death which may arise from the Proponent's operations under this contract; and/or The successful Proponent will be required to provide Professional Liability Insurance coverage in the amount of not less than \$2,000,000.00 per occurrence.

The successful Proponent and its employees may have access to information confidential to the Municipality. This information may include, but is not limited to, terms of this agreement, business methods and systems, contractual terms, pricing, personal information, etc. subject to disclosure by force of law, the successful Proponent agrees that it and its employees who have access to this information will not either during the term of the agreement or at any time thereafter reveal to any third party any of this confidential information or use in any way, whether on the successful Proponent's behalf or on behalf of any third party, any such information

The information, reports, documentation, plans, etc. that are a product of this award by the successful Proponent, will become the exclusive property of the Municipality of Markstay-Warren.

10 TERMS AND CONDITIONS

10.1 RELATING TO THE SUCCESSFUL CANDIDATES:

- **Contract** - The successful Proponent may, within ten (10) days after being advised that they are the successful Proponent, execute a contract in duplicate to the Municipality.
- **Notice of Acceptance** - Notice of acceptance may be made by fax or telephone, with written confirmation of same to follow, to the successful Proponent at the number given by the Proponent.
- **Payment** – To the Municipality shall be made upon receipt of invoice and prior to commencement.
- **Price** - The Proponent shall abide by the total price stated in the submission document. No further payments beyond the contract amount will be made for any additional services required to provide a satisfactory deliverable. If additional requirements are requested by the Municipality beyond the original scope of work described in this Request, the cost of these services would be negotiated between the Municipality and the company that has been selected to perform the work. Any additional work will only be undertaken based on a request in writing from the Municipality of Markstay-Warren.
- **Change Orders** – Change orders may be issued on the contract as negotiated between the Municipality and the proponent. Change orders can be used to request additional services or to allow for modifications for unforeseen circumstances. The unit rates shall be those agreed to through the financial proposal.
- **Termination** - The Municipality reserves the right to immediately terminate the contract for sufficient cause, including but not limited to such items as non-performance, late deliveries, inferior quality, pricing problems, unprofessional behaviour as outline in our contractor code of conduct, etc.
- **Public Record** - Any personal information required on the proposal form is received under the authority of the Municipality. This information will be an integral component of the quote submission. All written proposals received by the Municipality become a public record; once a proposal is accepted by the Municipality, and a contract is signed, all information contained in it is available to the public including personal information
- **Conflict of Interest** - Proponents shall immediately disclose to the official point of contact any potential or real conflict of interest whether direct or indirect in nature as it may relate to the Municipality, its elected officials, officers, employees and/or the present Bid Solicitation. Where, in the Municipality's opinion, a significant conflict of interest is found to exist and cannot be sufficiently mitigated, the Municipality reserves the right to disqualify the Proponent from participating in the Bid Solicitation.
- **Surveillance** – The grounds on which the material is located is covered by video surveillance run by the Municipality. The proponent acknowledges that they have been notified of the presence of the cameras

11 HEALTH AND SAFETY

General: Contractor must comply with the Occupational Health and Safety Act (OHSA), the Regulations for Construction Projects, the Municipality of Markstay-Warren safety policy and as well as complying with the prescribed requirements legislated in the Regulations for Industrial Establishments.

Competent person: Contractor is responsible using their training, knowledge and experience to protect the health and safety of their workers and others, reporting to their supervisor the absence of, or defect in any protective equipment or device, and reporting to their supervisor, any circumstances or conditions that may limit their ability to comply with the requirements of the OHSA and the Municipality of Markstay-Warren Safety policy.

Equipment & tools: All equipment and tools used by the contractor shall conform to Canadian Standards Association (C.S.A.) or manufacture specifications. The Municipality of Markstay-Warren reserves the right to prohibit the use of any equipment and methods or practices that do not conform to acceptable standards. Defective equipment and tools shall be removed from the work site premises immediately.

P.P.E.: All workers must wear appropriate C.S.A. approved eye protection, hearing protection, C.S.A. approved hard hats, C.S.A. approved foot protection and C.S.A. approved gloves at all time while working on the job site.

Fall protection: Safety harness and lanyard are required by anyone working more than 3 meters above a surface. The safety harness must be secured to a fixed support so that a worker cannot fall more than five feet. Proof of certification shall be submitted before starting any work at height.

WHMIS: No hazardous material is to be stored or used on work site by the contractor unless the prescribed requirements concerning labelling material safety data sheets (MSDSs) and worker instruction and training are met.

MSDS: Material safety data sheets for all hazardous products shall be kept on site.

Weekly safety meetings: Contractor shall conduct weekly safety meetings with their workers and identify concerns or potential hazards on the job site. Weekly safety meeting shall be signed

by all workers and a copy of the safety meeting shall be submitted to the contract administrator weekly.

Proof of training: The contractor shall submit within five (5) calendar days after the contract award, copies of WHMIS, copies of health and safety awareness, first aid certificate and certificates pertaining to the work being done for all workers working on the job site.

Reporting: Contractor must report immediately to the contract administrator all workplace incidents, near misses, injuries and illnesses and environmental damages. Contractors shall also report accidents/incidents to the ministry of labour or any other appropriate authority required by legislation.

Supervision: Contractor shall comply with OHSA regulations.

Health & Safety Station: Contractor shall provide at all time a dedicated station for workers to have access to the contractors' H&S manual, the emergency response plan, the OH&S Pocket book, MSDS sheets, WSIB information, Eye wash stations and emergency aid kit.

WSIB: Prior to commencement of any work herein, the successful Proponent shall provide the Municipality with a current WSIB Clearance Certificate within five (5) days of contract award. The successful Proponent shall maintain it good standing and shall provide the Municipality current Certificates of Clearance when requested.

12 CONTRACTOR CODE OF CONDUCT

12.1 GENERAL POLICY STATEMENT

The objective of the Municipality of Markstay-Warren is to be a fair and progressive employer, consistent with its responsibilities to all citizens of the municipality. The municipality is an equal opportunity employer and does not discriminate in the hiring process on the basis of race, ancestry, place of origin, colour, ethnicity, citizenship, creed, sex, sexual orientation, age, marital/family status or disability. Employment decisions are based on an individual's qualifications and competencies focusing on skills, training and overall ability to perform the work.

The Municipality recognizes its obligations under provincial and federal statutes concerning human rights, fair employment practices and statutory and constitutional requirements.

* For dates of policy amendments, see last page of manual

The Contractor Code of Conduct is based on the relevant sections of the employee code of conduct. It is expected that contractors conduct themselves in a professional manner when representing the Municipality in their work.

12.2 APPLICATION

Policies in this manual apply to all contract staff.

12.3 DEFINITIONS

12.3.1 Contract Staff

Contract staff are those employees who are hired under a written contract of employment.

12.4 DISCIPLINE (WARNING PROCEDURE)

12.4.1 Responsibility for -

The contract point of contact is responsible for communicating any complaints with the contractor.

12.4.2 Warning Procedure (Progressive Discipline)

In all, but extreme cases, a warning procedure must be followed.

12.4.3 Informal warning

The contract point of contact shall tell the contractor of the nature of the problem and offer help in its solution. A date should be set for a review of progress. A written summary is not necessary except where there is the potential of further disciplinary action being necessary.

12.4.4 Formal warning

This should take place on the date set in section 8-2-1. The department head should stress the seriousness of the situation and note future consequences if there is no improvement. A new review date should be set and help offered once more. Unless it impedes problem-solving, another staff member should be present as a witness.

Immediately after the interview, the department head must write a summary of the proceedings noting the date, steps to be taken by both sides and the consequences discussed. Copies must go to the employee and his/her personnel file.

5 Terminations

Terminations shall be as agreed upon in the contract. Failure to act in accordance with this code of conduct shall be reasonable grounds for terminating the contract.

12.5 SMOKING ALCOHOL AND DRUGS

12.5.1 Smoking

Refer to the Municipal Smoking by-law provisions. Contractors on Municipal business should treat all work sites as smoke free zones. They should refrain from smoking on private lands where they are undertaking work.

12.5.2 Alcohol/Drug Use

A contractor working on Municipal business shall not be under the influence of Alcohol or Drugs.

12.6 RULES OF CONDUCT

12.6.1 Policy Statement

The municipality believes that most employees will act fairly and reasonably at all times. Accordingly, it is for the protection of that majority that the rules of conduct set out below are published. Breaches of these guidelines or other acts against municipal or employee interests will result in disciplinary action, including suspension and termination.

12.6.2 Prohibited Activities

The following activities and practices are strictly prohibited and will result in immediate and serious disciplinary action, up to and including termination:

- a) Reporting to work or working in an intoxicated state or using illegal substances during working hours.
- b) Removal from the premises of municipally-owned items or items owned by other employees without specific permission.
- c) Physical or verbal abuse of, or threats towards other employees (see also Sexual Harassment)
- d) Flagrant disregard of municipal safety rules.
- e) Being convicted of a criminal offence related to the employee's work or being unable to work for an extended period because of any criminal conviction.
- f) Willful and malicious damage to municipal and private property.
- g) Serious violations of the Ontario Human Rights Code.
- h) Violation of other policies in this manual, the result of which could be serious damage to the Municipality's interests or reputation, or injury or significant loss to another employee, councilor or the public.

Nothing in the above policies prevents the Municipality from implementing disciplinary measures for activities, which, while disruptive, do not meet the criteria for prohibited practices.

12.7 SEXUAL HARASSMENT

12.7.1 Policy statement

The Municipality will not permit harassment of any employee or contractor for sexual or other purposes. Proven harassment will result in disciplinary action up to and including termination.

12.7.2 Definition

Sexual harassment is defined as unwanted or uninvited personal attentions to a contractor in order to obtain sexual favours or the undue emphasis on sexual behaviour or characteristics by an immediate supervisor or co-workers to the point where it interferes with job performance.

12.7.3 Complaints

A contractor wishing to file a complaint of sexual or verbal harassment can use the Municipality's Appeal Procedure.

Should use of the Appeal Procedure be inappropriate, the contractor may bring the complaint to the CAO/Clerk or, if that is not suitable, directly to the Council. In either case, the matter will be investigated and resolved as soon as possible.

All issues raised under this section will be kept confidential and no individual will be penalized for making a legitimate complaint.

12.8 DRESS CODE

The Municipality expects a standard of dress and grooming from contractors that is reasonable and appropriate under the circumstances.

12.9 SLANDER

12.9.1 Purpose

The Municipality of Markstay-Warren is adopting this policy to ensure that all employees are aware of their obligation to act in the best interests of the organization and to demonstrate the values, goals and ideals of the Municipality at all times.

12.9.2 Policy

Contractors, volunteers and students are strictly prohibited from posting negative, slanderous or libelous information regarding the Municipal employees, volunteers, students, clients, organization practices, or the organization in general by any means (e.g. Blogging, Facebook, Twitter, etc....)

Non-compliance with this policy will result in corrective action or discipline, up to and including dismissal, termination of contractual agreements, termination of placement and/or legal action.

13 SELECTION CRITERIA

A combination of quality, experience and price will determine a successful firm. The following Rubrick will be used to score submissions. Note: bids that do not completely address the scope of work may be eliminated.

The Proponent's Technical Proposal	
Scope of Work	Qualification
The Proponent's financial proposal	100 pts

The Municipality of Markstay-Warren is not obligated to award the service contract to the lowest or any firm. The Municipality reserves the right to reject any or all proposals and to waive formalities as the interests of the Municipality may require without stating reasons. The Municipality will not be responsible for any liabilities, costs, expenses, loss or damage incurred, sustained or suffered by any Proponent by reason of the acceptance or the non-acceptance by the Municipality of any proposal or by reason of any delay in the acceptance of a proposal as well Any expenses incurred by the Proponent in the preparation of the proposal submission are entirely the responsibility of the Proponent and will not be charged to the Municipality

14 REQUIRED DOCUMENTATION WITH BID SUBMISSION

As part of the bid submission, the contractor must supply the following documentation where it applies to the work they are completing:

14.1 FOR ALL PROPOSALS

- ☐ Signed copy of: **15 Declaration p-15**
- ☐ Completed copy of: **16 Bid Form - p16** (multiple bid forms may be submitted if multiple options are being presented)
 - ☐ **Provincial and Federal Taxes (H.S.T.)** - Tenders shall include applicable H.S.T. taxes. This tax shall be shown separate from the unit price. The Proponent shall include with the executed documents, at the time of submission, on company letterhead, notification to the Municipality of their H.S.T. Registration Number (if any)
- ☐ **Other** - Proponents may include any additional information regarding their firm and/or services that may prove beneficial to the evaluation of the proposal. These would be provided in the form of appendices.
- ☐ **Instructions for Technical Proposals**
 - ☐ Select one of the service options if multiple are available. If your company is interested in fulfilling multiple options, submit one proposal for each option. The Municipality may choose, one or more options, but the Municipality is not required to select the same proponent if multiple options are selected.

- o Clearly define how your organization plans to meet / implement the requirements
 - o Consider indicating reporting and quality controls used in your facility
- ☐ **Instructions for Financial Proposals**
 - o Clearly identify all costs associated with the project
 - o Where costs may be variable, include an hourly rate or material rate as expected.
 - o Travel costs must include distance of travel expected and any lodging, per diem and hourly costs (i.e. kms, or from: Address to site)
 - o Clearly indicate items that are not priced within the scope, or additional cost items that can be expected.
 - o If applicable, indicate a contingency amount for the proposal. This contingency is not automatically to be paid to the contractor, but, includes funds that may be assigned through change orders based on site conditions or improvements above those mentioned in the proposal.

14.2 FOR ALL WORK PERFORMED BY PROFESSIONALS LICENSED UNDER A REGULATED TRADE OR PROFESSIONAL ORGANIZATION

- ☐ Organization's license number, identification of a copy of their license
- ☐ The licenses or license numbers of key individuals taking responsibility for the project
- ☐ For technical teams: The organizational structure and CV of team members

14.3 FOR ALL SERVICE WORK PERFORMED ON MUNICIPAL PROPERTY

- WSIB Coverage
 - ☐ Proof of active workers compensation in good standing OR
 - ☐ For individual contractors: a completed copy of the 'Determining worker/independent operator status questionnaire through WSIB which can be found at:
<https://www.wsib.ca/en/forms/determining-worker-independent-operator-status>
- Insurance
 - ☐ Proof of \$2,000,000 liability insurance

15 DECLARATION

Company:		
Name:		
Address:		
Phone:	Fax:	E-Mail:

The Respondent declares:

- No person, firm or Municipality other than the Respondent, has any interest in this proposal or in the proposed services for this proposal;
- This proposal is made without any connection, comparison of figures or arrangements with or knowledge of any other Municipality, firm or person making a proposal for the same service and is in all respect fair and without collusion or fraud;
- No member of the staff of the Municipality of Markstay-Warren is, or will become interested directly or indirectly.
- The content and requirements of this proposal document have been read and understood.
- The prices set forth in this Quote Form include full compensation to furnish all labour, equipment, materials and supplies and transportation necessary or incidental to completing the work in strict accordance with said documents.
- All prices are quoted in Canadian funds.
- **We have inspected or had the opportunity to inspect the material and site**
- **Our bid is for the purchase and removal of all surplus fill included in this tender**
- **We accept the material "as is, where is"**
- **We will complete removal within 30 calendar days following the award**
- **All or any proposals not necessarily accepted.**

Signed at _____ this ____ day of _____ 2025.

Print - Witness

Print - Respondent

Title - Respondent

Signature - Witness

Date

Signature Respondent

Date

16 BID FORM

If proposing pricing for multiple service options, please supply **one** bid form for **each** service option. Pricing must identify all itemized costs which should be reasonably expected while executing the bid. Use a second sheet if required. For any items which are explicitly out of scope, please identify these as notes.

I _____ (Name or Company) do hereby submit the following bid price to perform the related work as outlined in the Scope of Work.

Services	QTY	Total
Purchase and Removal of Fill	Est. 4500cu Yd	

17 PRODUCT AVAILABILITY

Indicate when you would be ready to pick up the fill and what duration.

18 NOTES:

Indicate any special terms in this section. Attach a separate sheet if required.

APPENDICES

APPENDIX A



APPENDIX B



Excess Soil Reporting

Municipality of Markstay-Warren

Type of Document:

Report

Project Name:

Sampling & Testing for Excess Soils
Markstay Street Revitalization
Municipality of Markstay-Warren, Ontario

Project Number:

SUD-24002582-A0

Prepared By:

Yves Beauparlant, P.Eng.
EXP
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Sudbury, Ontario, P3E 5M4
t: +1.705.674.9681
f: +1.705.674.5583

Date Submitted:

2024-04-08

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1. Introduction

It is understood that a street revitalization project is envisioned throughout the Town of Markstay, in the Municipality of Markstay Warren. As part of the project, it is understood excess soils will be generated and, during the construction process, chemical characterization of onsite soils, with respect to O. Reg. 406/19, has been requested to be completed.

To assist with the Excess Soils Regulations, EXP has prepared this report to address the Assessment of Past Use (APU) reporting, and sampling and analysis requirements.

The Site consists of multiple roadways, with generally residential developments in adjacent areas. Minor institutional and commercial developments are also noted in areas adjacent to roadways. At this time, the exact volume of soils to be excavated is unknown.

Drawing A-1 shows the site location, while **Drawing A-2** shows the site plan. The Project Leader and Qualified Person ("QP") for the project are presented below:

Project Leader		Qualified Person
Name:	Ronny Theiss	Yves Beauparlant
Mailing Address:	Municipality of Markstay-Warren	EXP Services Inc., Suite 3-6A, 885 Regent Street, Sudbury, ON
Email Address:	rtheiss@markstay-warren.ca	yves.beauparlant@exp.com
Phone Number:	705-853-4534 x 208	705.674.9681
Type of License(s)	P. Eng.	P. Eng.

1.1 Site Description

The Site consists of multiple roadways within the town of Markstay. Adjacent land-uses are generally residential, with some commercial and institutional developments. Details of the Site are as follows:

Municipal Address(es)	Not Applicable
Current Land Use	Active roadways; adjacent land-uses are residential, commercial and institutional
Proposed Land Use	Active roadways; adjacent land-uses are residential, commercial and institutional
Legal Description	Not Applicable
Property Identification Number (PIN)	Not Applicable
Universal Transverse Mercator (UTM) coordinates	NAD83 17T 535119 m E, 5148974 m N (geographic centre of project)
Accuracy Estimate of UTM	10-15 m
Measurement Method	Google Earth
Site Area	~ 50 ha (~ 123 acres) – calculated area extends beyond road area
Property Owners Owner Contact Address	Municipality of Markstay-Warren 21 Main Street South, Markstay, ON

2. Past Use Reporting

The scope of work for the APU consisted of the following activities to determine the presence of potentially contaminating activities (PCAs), resulting in an area of potential environmental concern (APEC) within the Site where soil will be excavated:

1. A records review to obtain information that relates to the assessment of past uses study area, including both the current and past uses of the Site;
2. Interview(s) to obtain information about the current and former uses of the Site;
3. Conduct a visual reconnaissance of the Site and APU Study Area;
4. Review and evaluate information gathered from the record review, interviews and Site visit;
5. Prepare an APU Conceptual Site Model (CSM); and
6. Prepare an APU Report documenting the findings.

When completing this APU report, EXP searched provincial and federal databases for records.

EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

EXP personnel who conducted assessment work for this project included Mr. Yves Beauparlant, P.Eng. An outline of his qualifications is provided in **Appendix C**.

2.1 Records Review

The objective of the past use investigation was to identify any areas on the Site (APECs) that may have contaminated soil or rock where excavations of soil and/or crushed rock are to occur in accordance with Ontario Regulation 406/19 – “On-Site and Excess Soil Management” made under the Environmental Protection Act, R.S.O. 1990. C. E. 19, dated December 9, 2020. Findings from this investigation will be used to determine the potential contaminants of concern (PCOCs) within the area(s) where excess soil will be generated, which will be used in support of future off-Site disposal of this excavated soil.

An Assessment of Past Use Report (APU) is a systematic qualitative process to assess the environmental condition of a Site based on its historical and current uses. This APU was conducted in accordance with the document entitled “Rules for Soil Management and Excess Soil Quality Standards,” (herein referred to as the “Soil Rules”) adopted by reference in O. Reg. 406/19, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no expressed or implied warranties regarding its services and no third-party beneficiaries are intended.

A review of available historic aerial photographs (**Drawings A-4 to A-11, Appendix A**) from ERIS and Google Earth was completed. Aerial photographs from 1929 show minimal apparent residential and commercial developments in Markstay. In general, areas to the north appear cleared of trees and largely undeveloped, while central and south areas show some road and structural developments. In addition, an apparent railway can be noted spanning approximately northwest to southeast, with the Veuve River running parallel to the south. In general, the Site remained largely unchanged until 1983, whereby notable structural and road developments were noted. Specifically, significant residential developments appear present in north and east areas of the Site, while additional road developments were also noted. A review of aerial photographs from 1983 to 2023 shows minor residential, commercial and institutional developments throughout the Site, with coinciding road developments. Overall, the majority of the Site has been residential since, at least, 1935, while north and east areas experienced additional residential, commercial and institutional developments to the present. In addition, based on past interviews with town representatives, a mechanic shop and historical fueling station were previously located near the Hagar and Main Street intersection, whereby notable contamination was observed at the fueling station location.

Based on a review of topographic information and the presence of waterbodies, the Site appears relatively flat, with a gentle slope towards the Veuve River to the south in south areas of the Site and west in north areas of the Site. As such, local groundwater on the Site is expected to flow approximately west-southwest in south areas of the Site and west in north areas of the Site. Note, the exact direction of groundwater flow can only be determined with a long-term groundwater elevation study.

A search of provincial and federal databases for records pertaining to the Site and properties within 250 meters of the Site center was conducted by EcoLog Environmental Risk Information Services (or EcoLog ERIS). EcoLog ERIS is an environmental database and information service provider. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A copy of the EcoLog ERIS report is provided in **Appendix B**.

The EcoLog ERIS report identified 69 items on the Site and 48 items within 250-m of the Site. Note, items identified on the Site may not, in fact, be located on the roadway. These items generally consisted of Water Well Information System, Waster Generation, Delisted Tank and Spill records. Upon review of topographic information and the ERIS report, many of the items were at an assumed downgradient direction from the Site, or, as they relate to potential impacts on soils within the anticipated excavation depth, were not considered Potentially Contaminating Activities (PCAs). PCAs, in relatively close proximity to the Site, are summarized in the following table:

Address of PCA	Database of PCA	Description	Year (most recent)	Approx. Distance, Direction from Center of the Site	APEC
7 Pioneer Street	GEN	Waste oils and lubricants	2010	30 m south	Potential, but minimal, impact to soils located near the PCA
20 Main Street	SPL	Spill of furnace oil to ground (114 L) through pinhole leak	2009	20 m east	Potential impact to Site, due to quantity and nature of spill material
Hagar Street and Main Street S	EXP, DTNK	Multiple former 15000 L fuel storage tank (UST) on Site	1986	On-site	Yes, due to volume and nature of the contaminant, as well as observed contamination by town representatives
51 Main Street N	SPL	20 L of transformer oil to ground	2003	10 m east	No, due to volume of spill and presence of watercourses west adjacent to Site.
7 Millichamp Street	GEN	Waste generation of aromatic solvents, paint/pigmentation/coating residues	2010	30 m south	Minimal, due to nature of PCA.

The records review was conducted by EXP to determine if any APECs exist within the Site where soil will be excavated by identifying PCAs associated with current and past uses at the Site and the APU Study Area. Furthermore, potential contaminant pathways that could result in the presence of contaminants in soil planned for excavation from the Site were investigated. A conceptual site model has been prepared and included in **Appendix D**.

All remaining items identified in the ERIS search (if any) were determined to be at a lower elevation and/or at a significant distance from the Site, or were not deemed to be potentially contaminating activity. Because of these conditions, these items are considered to have a low potential for soil and groundwater contamination beneath the Site.

In addition to those items noted in the ERIS, additional PCAs were identified, including: 1) a former mechanic shop noted west adjacent to 21 Main Street S and 2) an active railway spanning through south areas of the Site. In addition, due to the age of the roadway, fill materials of unknown quality may have been used on-site and, as such, this constitutes an additional PCA.

2.2 Interviews

Based on the type of site, interviews were not deemed required and not completed as part of this APU; however, past work completed by EXP identified limited soil impacts from former fuel tanks noted at Hagar Street and Main Street S.

2.3 Site Reconnaissance

An EXP representative made a site visit in November 2023 to observe the Site and adjacent areas. The Site largely consists of residential developments, with some minor commercial and institutional buildings. The buildings are municipally serviced for gas, water, electricity and telecommunications; however, no municipal sewage services are present.

2.4 Summary of Findings and Conclusions

The Site has consisted of municipal roadways since, at least, 1929, with considerable residential developments noted to the present. Prior to additional development, north areas of the Site were largely vacant/undeveloped and, based on a review of water well records, consisted of livestock and agricultural developments. Additional road and residential developments

occurred between 1929 and 1983, with minor commercial and institutional developments. Institutional developments included schools, churches and municipal buildings, while commercial developments included a historic fueling station and former mechanic shop. Based on past work completed by EXP and discussions with Site representatives, the fueling station has had notable impacts on soil quality on and adjacent to the former fuel station site. A list of PCA's identified within the Study Area (if any) are listed in **Section 2.1** of this report, in the Conceptual Site Model (**Appendix D**) and shown on **Drawing A-2**. Based on a review of the ERIS report, maps and imagery, and considering the assumed direction of groundwater flow, the duration of each PCA (if any), the length of time that has passed for each PCA (if any), and the infrastructure and water courses located between the Site and PCAs (if any), the Site is considered to have a moderate-high potential for soil and groundwater contamination within the anticipated excavation depths. Specifically, areas near the former fueling station have a high potential for soil impacts, within anticipated excavation depths.

5. General Limitations

The information presented in this report is based on a limited investigation designed to provide information to support an assessment of the current environmental conditions within the subject property. The conclusions and recommendations presented in this report reflect Project Area conditions existing at the time of the investigation.

More specific information with respect to the conditions between samples, or the lateral and vertical extent of materials may become apparent during excavation operations. The interpretation of the borehole information must, therefore, be validated during any such excavation operations. Consequently, during the future development of the property, conditions not observed during this investigation may become apparent. Should this occur, EXP Services Inc. should be contacted to assess the situation, and the need for additional testing and reporting. EXP has qualified personnel to provide assistance in regard to any future geotechnical and environmental issues related to this property.

The environmental investigation was carried out to address the intent of applicable provincial Regulations, Guidelines, Policies, Standards, Protocols and Objectives administered by the Ministry of the Environment and Climate Change. It should also be noted that current environmental Regulations, Guidelines, Policies, Standards, Protocols and Objectives are subject to change, and such changes, when put into effect, could alter the conclusions and recommendations noted throughout this report. Achieving the study objectives stated in this report has required us to arrive at conclusions based upon the best information presently known to us. No investigative method can completely eliminate the possibility of obtaining partially imprecise or incomplete information; it can only reduce the possibility to an acceptable level. Professional judgment was exercised in gathering and analyzing information obtained and in the formulation of the conclusions. Like all professional persons rendering advice, we do not act as absolute insurers of the conclusions we reach, but we commit ourselves to care and competence in reaching those conclusions.

Our undertaking at EXP, therefore, is to perform our work within limits prescribed by our clients, with the usual thoroughness and competence of the engineering profession. It is intended that the outcome of this investigation assist in reducing the client's risk associated with environmental impairment. Our work should not be considered 'risk mitigation'. No other warranty or representation, either expressed or implied, is included or intended in this report.

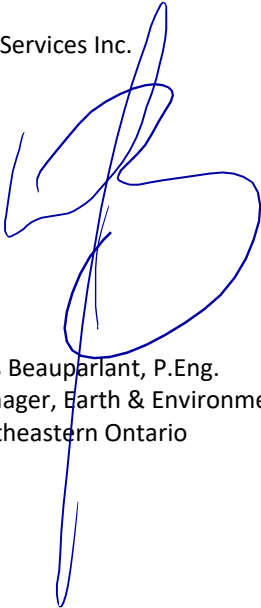
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6. Closure

We trust that these comments provide you with sufficient information to proceed with design. Should you have any questions, please do not hesitate to contact this office.

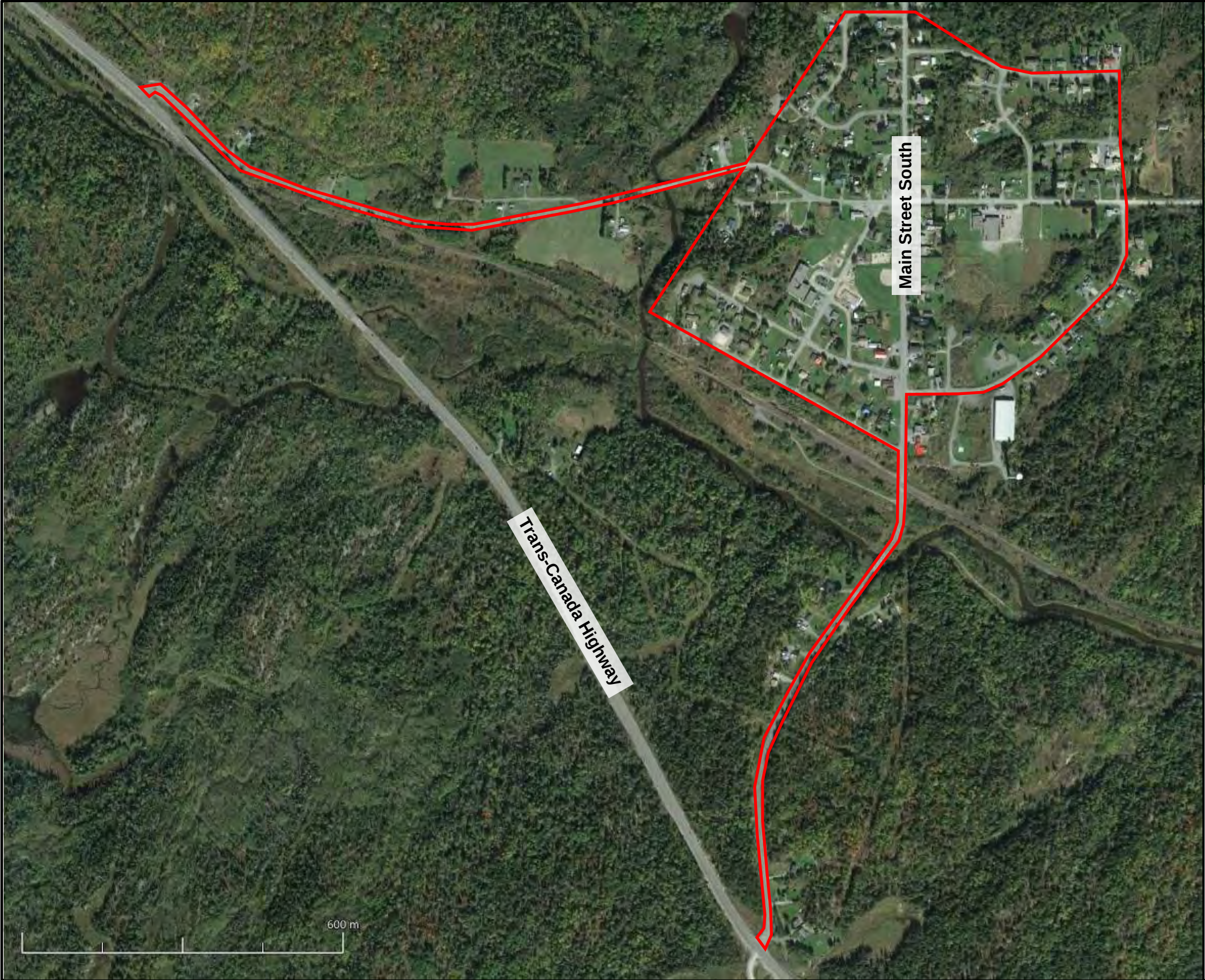
Yours truly,

EXP Services Inc.



Yves Beauparlant, P.Eng.
Manager, Earth & Environmental
Northeastern Ontario

Appendix A - Drawings



Site

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885 Regent Street
Sudbury, ON P3E 5M4
Canada

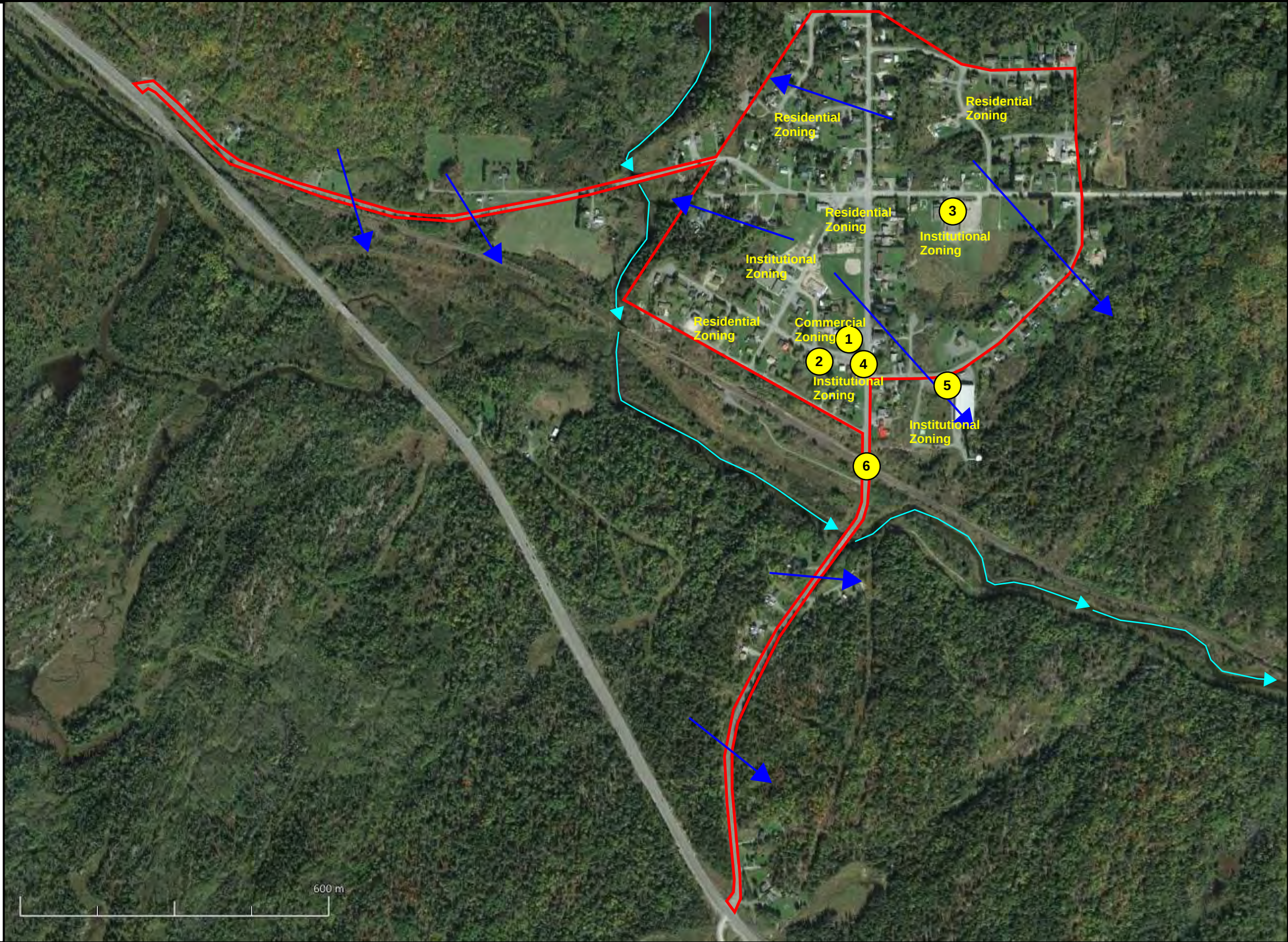


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REVISIONS		
No.	DESCRIPTION	DATE

TITLE:	MARKSTAY STREET REVITALIZATION SITE LOCATION	
	PROJECT NO.	SUD-24002582-A0

PROJECT AND LOCATION: Sampling & Testing for Excess Soils		
Municipality of Markstay-Warren, Ontario		
DATE	March 2024	SCALE:
DWG NO.	A-1	



● PCAs (if any)

□ Approximate Site Location (roadways within area)

➡ Assumed general direction of groundwater flow

➡ Veuve River

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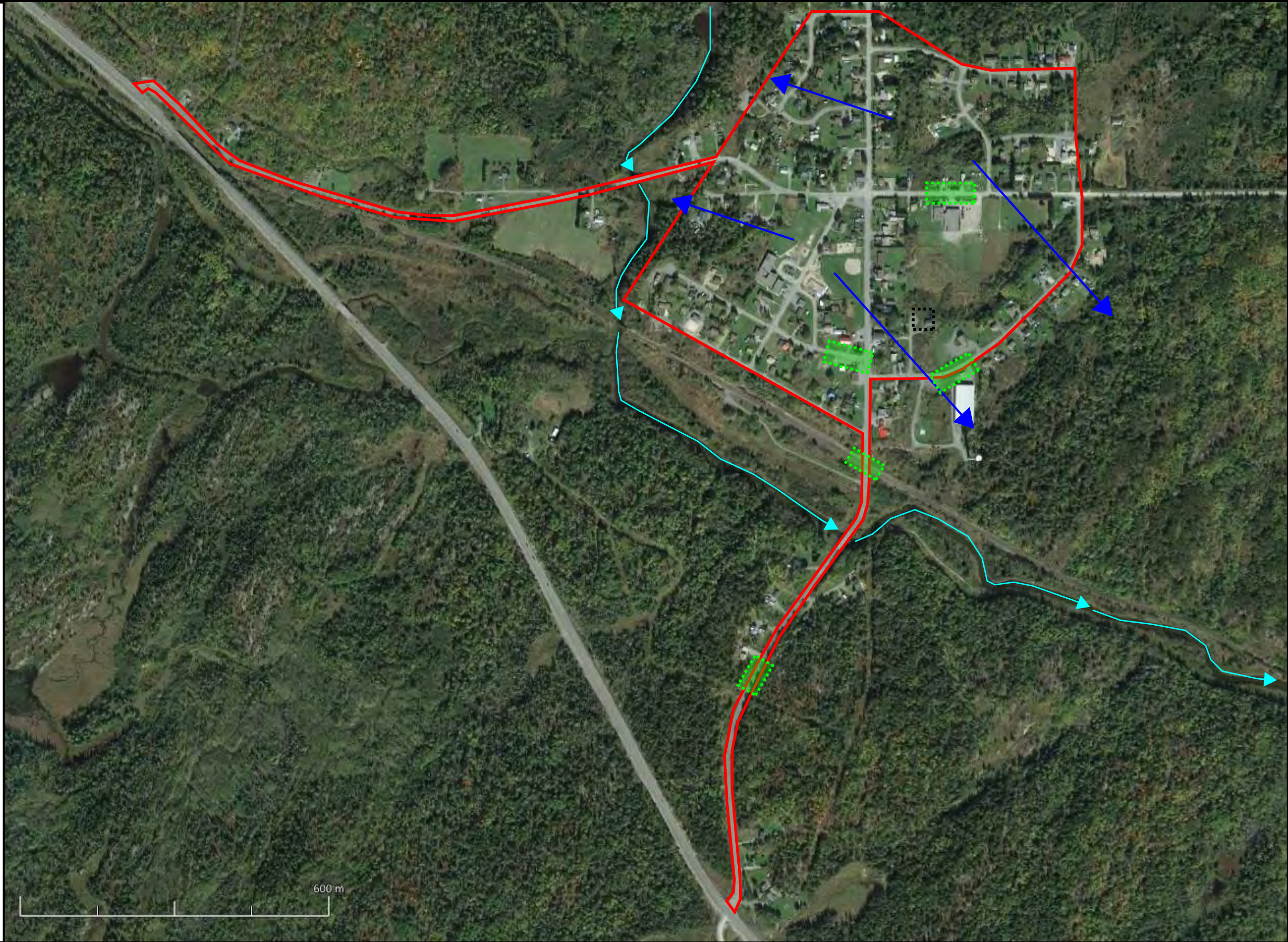


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REVISIONS		
No.	DESCRIPTION	DATE

TITLE: MARKSTAY STREET REVITALIZATION SITE PLAN	
PROJECT NO. SUD-24002582-A0	

PROJECT AND LOCATION: Sampling & Testing for Excess Soils Municipality of Markstay-Warren, Ontario		
DATE: March 2024	SCALE:	DWG NO. A-2



 APECs (based on PCAs)

 Approximate Site Location (roadways within area)

 Assumed general direction of groundwater flow

 Veuve River

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REVISIONS		
No.	DESCRIPTION	DATE

TITLE:	MARKSTAY STREET REVITALIZATION SITE PLAN
	PROJECT NO. SUD-24002582-A0

PROJECT AND LOCATION: Sampling & Testing for Excess Soils		
Municipality of Markstay-Warren, Ontario		
DATE March 2024	SCALE:	DWG NO. A-3



Note: the green box does not denote the property boundary (it is the property boundary from a previous search request)

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REVISIONS		
No.	DESCRIPTION	DATE

TITLE:	MARKSTAY STREET REVITALIZATION 1929 AERIAL PHOTOGRAPH
	PROJECT NO. SUD-24002582-A0

PROJECT AND LOCATION: Excess Soils		
Markstay-Warren, Ontario		
DATE MARCH 2024	SCALE:	DWG NO. A-4

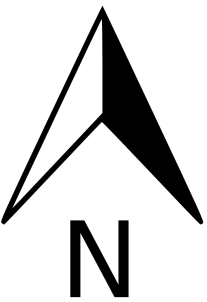


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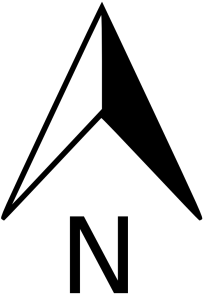
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		No.	DESCRIPTION	DATE		Markstay-Warren, Ontario		
			PROJECT NO. SUD-24002582-A0	DATE MARCH 2024	SCALE:	DWG NO. A-5		



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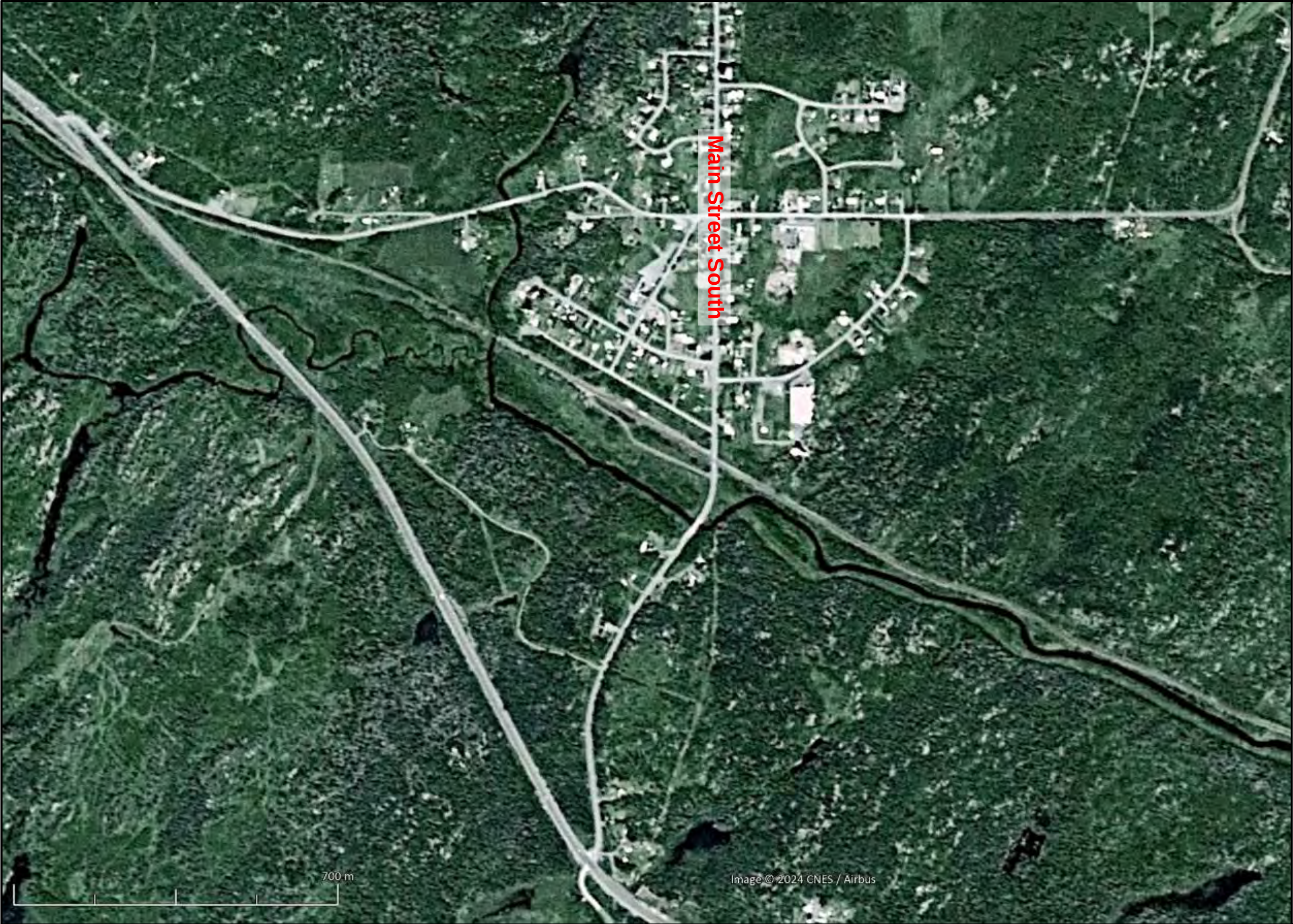
Note: the green box does not denote the property boundary
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Note: the green box does not denote the property boundary (it is the property boundary from a previous search request)



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REVISIONS		
No.	DESCRIPTION	DATE

TITLE:	MARKSTAY STREET REVITALIZATION 2009 AERIAL PHOTOGRAPH
	PROJECT NO. SUD-24002582-A0

PROJECT AND LOCATION: Excess Soils		
Markstay-Warren, Ontario		
DATE MARCH 2024	SCALE:	DWG NO. A-10



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REVISIONS																																				
No.	DESCRIPTION	DATE																																		

Appendix B - ERIS Records Search



DATABASE REPORT

Project Property:	<i>Town of Markstay - Excess Soils Town of Markstay - Excess Soils Markstay-Warren ON P0M</i>
Project No:	<i>SUD-24002582-A0</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>24032100047</i>
Requested by:	<i>exp Services Inc.</i>
Date Completed:	<i>March 26, 2024</i>

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Executive Summary

Property Information:

Project Property: *Town of Markstay - Excess Soils
Town of Markstay - Excess Soils Markstay-Warren ON P0M*

Project No: *SUD-24002582-A0*

Order Information:

Order No: *24032100047*

Date Requested: *March 21, 2024*

Requested by: *exp Services Inc.*

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

Historical/Products:

ERIS Xplorer [*ERIS Xplorer*](#)

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	0	0
CA	Certificates of Approval	Y	1	3	4
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	1	1
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	2	2
ECA	Environmental Compliance Approval	Y	1	3	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	1	1	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	3	0	3
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	14	3	17
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	1	1	2

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	1	1
NPRI	National Pollutant Release Inventory - Historic	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
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	1	1	2
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	3	3
SPL	Ontario Spills	Y	4	2	6
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	43	26	69

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
		Total:	69	48	117

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5903176	S/0.0	0.00	35
2	CA	HAGAR TOWNSHIP	MAIN ST./PIONEER ST., MARKSTAY HAGAR TWP. ON P0M 1X0	N/0.0	2.03	38
2	PINC	ENBRIDGE GAS INC	SE CORNER OF PIONEER ST E & MAIN ST., MARKSTAY, ON, P0M 2G0, CA ON	N/0.0	2.03	38
3	ECA	The Corporation of the Municipality of Markstay-Warren	2 Pioneer St E Markstay-Warren ON P0M 2G0	NNE/0.0	2.06	39
3	SPL		2 Pioneer St East Markstay-Warren ON	NNE/0.0	2.06	39
4	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5903515	S/0.0	-1.69	40
5	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5904437	WSW/0.0	1.03	43
6	WWIS		lot 12 con 3 ON <i>Well ID:</i> 5901158	ESE/0.0	2.36	45

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>7</u>	WWIS		lot 13 con 4 ON <i>Well ID:</i> 5904436	N/0.0	3.14	<u>48</u>
<u>7</u>	WWIS		lot 13 con 4 ON <i>Well ID:</i> 5904702	N/0.0	3.14	<u>51</u>
<u>8</u>	WWIS		lot 12 con 4 ON <i>Well ID:</i> 5903923	ENE/0.0	2.32	<u>55</u>
<u>9</u>	WWIS		lot 12 con 3 ON <i>Well ID:</i> 5903181	ESE/0.0	2.36	<u>58</u>
<u>10</u>	WWIS		lot 12 con 3 ON <i>Well ID:</i> 5902307	E/0.0	3.75	<u>61</u>
<u>11</u>	SPL	Union Gas Limited	7 Pioneer St Markstay-Warren ON	W/0.0	2.04	<u>65</u>
<u>12</u>	WWIS		lot 12 con 4 ON <i>Well ID:</i> 5904415	NE/0.0	2.12	<u>66</u>
<u>13</u>	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5901160	WSW/0.0	-0.47	<u>69</u>
<u>14</u>	SPL		10 Pioneer Street W, Markstay Markstay-Warren ON	WNW/0.0	2.04	<u>71</u>
<u>15</u>	WWIS		lot 13 con 3 ON	SSW/0.0	-3.69	<u>72</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
			<i>Well ID:</i> 5903175			
15	WWIS		lot 13 con 3 ON	SSW/0.0	-3.69	75
			<i>Well ID:</i> 5903926			
16	WWIS		lot 12 con 3 ON	E/0.0	7.03	79
			<i>Well ID:</i> 5902443			
17	WWIS		lot 12 con 3 ON	SE/0.0	-0.40	83
			<i>Well ID:</i> 5902778			
18	WWIS		lot 13 con 3 ON	WSW/0.0	0.00	86
			<i>Well ID:</i> 5901168			
19	WWIS		lot 13 con 3 ON	SW/0.0	-4.00	89
			<i>Well ID:</i> 5901166			
20	WWIS		lot 12 con 3 ON	E/0.0	7.27	92
			<i>Well ID:</i> 5903258			
21	WWIS		lot 12 con 3 ON	E/0.0	8.14	95
			<i>Well ID:</i> 5903257			
22	GEN	RAINBOW DISTRICT SCHOOL BOARD	7 Pioneer Street East Markstay ON P0M 2G0	E/0.0	7.35	99
23	WWIS		lot 13 con 3 ON	SW/0.0	-4.00	100
			<i>Well ID:</i> 5901165			

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>24</u>	WWIS		lot 12 con 4 ON <i>Well ID:</i> 5903015	ENE/0.0	7.39	<u>102</u>
<u>25</u>	WWIS		lot 12 con 3 ON <i>Well ID:</i> 5903256	ESE/0.0	5.61	<u>105</u>
<u>26</u>	WWIS		lot 12 con 4 ON <i>Well ID:</i> 5903179	N/0.0	6.98	<u>109</u>
<u>27</u>	SPL		20 Main St St. Charles ON	S/0.0	-4.95	<u>113</u>
<u>27</u>	HINC		20 MAIN STREET ST. CHARLES ON	S/0.0	-4.95	<u>114</u>
<u>28</u>	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5903511	WSW/0.0	-1.37	<u>114</u>
<u>29</u>	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	6 Millichamp Street Markstay-Warren ON P0M 2G0	SE/0.0	-0.03	<u>117</u>
<u>30</u>	EHS		Markstay Municipal Property Markstay ON	SSW/0.0	-5.69	<u>117</u>
<u>31</u>	WWIS		lot 12 con 3 ON <i>Well ID:</i> 5904414	SSW/0.0	-5.69	<u>118</u>
<u>32</u>	WWIS		lot 13 con 3 ON	SW/0.0	-5.07	<u>121</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
			Well ID: 5902563			
33	WWIS		lot 13 con 3 ON	W/0.0	1.97	124
			Well ID: 5902854			
34	WWIS		lot 13 con 4 ON	N/0.0	9.28	127
			Well ID: 5903006			
35	WWIS		lot 13 con 3 ON	SW/0.0	-5.67	130
			Well ID: 5901137			
36	WWIS		lot 13 con 3 ON	SSW/0.0	-5.69	133
			Well ID: 5901167			
37	WWIS		lot 10 con 3 ON	SSE/0.0	-0.36	136
			Well ID: 5901980			
38	WWIS		lot 10 con 3 ON	SE/0.0	1.97	139
			Well ID: 5904483			
39	WWIS		lot 12 con 4 ON	NNE/0.0	9.45	142
			Well ID: 5904701			
40	WWIS		lot 13 con 3 ON	SW/0.0	-5.67	145
			Well ID: 5902870			
41	WWIS		lot 12 con 4 ON	ENE/0.0	11.94	148
			Well ID: 5902560			

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>42</u>	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5901161	WSW/0.0	3.17	<u>152</u>
<u>43</u>	WWIS		lot 13 con 4 ON <i>Well ID:</i> 5902788	N/0.0	10.60	<u>154</u>
<u>44</u>	WWIS		lot 12 con 3 ON <i>Well ID:</i> 5904772	WSW/0.0	3.17	<u>158</u>
<u>45</u>	WWIS		lot 13 con 4 ON <i>Well ID:</i> 5902853	N/0.0	11.85	<u>161</u>
<u>46</u>	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5902449	S/0.0	-7.03	<u>164</u>
<u>47</u>	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5903018	WSW/0.0	3.66	<u>167</u>
<u>48</u>	EXP	MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	S/0.0	-7.00	<u>171</u>
<u>48</u>	EXP	MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	S/0.0	-7.00	<u>171</u>
<u>48</u>	EXP	MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	S/0.0	-7.00	<u>171</u>
<u>49</u>	WWIS		lot 13 con 3 ON	SSW/0.0	-6.97	<u>171</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
Well ID: 5901170						
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	174
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	SSW/0.1	2.92	175
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	SSW/0.1	2.92	175
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	SSW/0.1	2.92	175
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	176
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	SSW/0.1	2.92	176
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	176
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	177
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	177

<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>
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	177
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	178
50	GEN	MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	SSW/0.1	2.92	178
51	WWIS		lot 13 con 3 ON <i>Well ID:</i> 5902999	SSW/0.0	24.08	178

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
52	PRT	MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	S/4.1	-7.03	182
52	DTNK	MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	S/4.1	-7.03	182
53	HINC		10 PIONEER STREET WEST MARKSTAY ON	W/5.5	-4.32	182
54	SPL	Hydro One Networks Inc.	51 Main Street N Markstay-Warren ON	SSW/6.2	19.00	183
55	WWIS		lot 12 con 4 ON Well ID: 5901173	NNE/11.3	12.65	184
56	WWIS		lot 13 con 3 ON Well ID: 5901163	S/19.0	-10.89	186
57	WWIS		lot 13 con 3 ON Well ID: 5901169	SSW/23.0	-5.42	189
58	WWIS		lot 13 con 4 ON Well ID: 5901159	WNW/35.9	-3.69	192
59	WWIS		lot 12 con 4 ON Well ID: 5903180	NNE/42.7	13.00	194
60	SCT	KAN-TEX MANUFACTURING	7 MILLICHAMP ST MARKSTAY ON P0M 2G0	SE/43.1	4.00	198
60	SCT	KAN-TEX MANUFACTURING	7 Millichamp St Markstay ON P0M 2G0	SE/43.1	4.00	198
60	SCT	Kan-Tex Manufacturing - Div. of Bast Industrial Fabric & Supply Ltd.	7 Millichamp St Markstay ON	SE/43.1	4.00	198

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	EBR	1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN ON	SE/43.1	4.00	198
60	GEN	DON & ART BAST	7 MILLICHAMP MARKSTAY ON P0M 2G0	SE/43.1	4.00	199
60	GEN	Artisan Cabinets	7 MILLICHAMP Street MARKSTAY ON P0M 2G0	SE/43.1	4.00	199
60	EBR	1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN ON	SE/43.1	4.00	200
60	CA	1381407 Ontario Limited	7 Millichamp St Markstay-Warren ON	SE/43.1	4.00	200
60	CA	1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren ON	SE/43.1	4.00	200
60	CA	1381407 Ontario Limited	7 Millichamp Street Markstay-Warren ON	SE/43.1	4.00	201
60	GEN	Artisan Cabinets	7 MILLICHAMP Street MARKSTAY ON P0M 2G0	SE/43.1	4.00	201
60	ECA	1381407 Ontario Limited	7 Millichamp St Markstay-Warren ON P0M 2G0	SE/43.1	4.00	201
60	ECA	1381407 Ontario Limited	7 Millichamp Street Markstay-Warren ON P0M 2G0	SE/43.1	4.00	202
60	ECA	1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren ON P0M 2G0	SE/43.1	4.00	202
60	NPR2	ARTISAN CABINETS	7 MILLICHAMP STREET MARKSTAY ON P0M2G0	SE/43.1	4.00	202

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>61</u>	WWIS		lot 14 con 4 ON Well ID: 5901176	W/57.2	4.77	<u>205</u>
<u>62</u>	WWIS		lot 12 con 4 ON Well ID: 5902786	NNE/64.0	12.97	<u>208</u>
<u>63</u>	WWIS		lot 12 con 4 ON Well ID: 5901174	ENE/70.6	13.87	<u>211</u>
<u>64</u>	WWIS		lot 12 con 3 ON Well ID: 5903917	ESE/73.4	8.69	<u>214</u>
<u>65</u>	WWIS		lot 12 con 4 ON Well ID: 5901175	ENE/77.3	13.88	<u>217</u>
<u>66</u>	WWIS		lot 12 con 3 ON Well ID: 5903918	E/80.4	10.95	<u>220</u>
<u>67</u>	WWIS		lot 12 con 3 ON Well ID: 5903579	SSE/95.0	4.36	<u>223</u>
<u>68</u>	WWIS		lot 12 con 4 ON Well ID: 5903017	NNE/95.4	12.92	<u>227</u>
<u>69</u>	WWIS		lot 13 con 3 ON Well ID: 5901162	SW/103.1	-7.42	<u>230</u>
<u>70</u>	WWIS		lot 11 con 3 ON Well ID: 5901982	S/113.2	22.40	<u>233</u>
<u>71</u>	WWIS		lot 10 con 3 ON Well ID: 5901981	S/120.5	-6.69	<u>235</u>
<u>72</u>	WWIS		lot 12 con 4 ON Well ID: 5904727	N/141.1	12.88	<u>238</u>
<u>73</u>	WWIS		lot 13 con M ON Well ID: 5905277	SSW/156.2	-3.00	<u>241</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>74</u>	WWIS		lot 13 con 4 ON Well ID: 5902787	N/161.1	12.70	<u>244</u>
<u>75</u>	WWIS		lot 13 con 3 ON Well ID: 5905279	SW/197.0	0.00	<u>248</u>
<u>75</u>	WWIS		lot 13 con 3 ON Well ID: 5905389	SW/197.0	0.00	<u>251</u>
<u>76</u>	WWIS		lot 12 con 4 ON Well ID: 5902782	N/198.7	11.50	<u>255</u>
<u>77</u>	SPL		35 Main Street N, Markstay Markstay-Warren ON	N/205.5	11.49	<u>258</u>
<u>77</u>	PINC	ENBRIDGE GAS INC	35 MAIN ST N,,MARKSTAY,ON,P0M 2G0, CA ON	N/205.5	11.49	<u>259</u>
<u>78</u>	WWIS		lot 13 con 4 ON Well ID: 5902785	N/212.0	11.49	<u>260</u>
<u>79</u>	WWIS		lot 13 con 4 ON Well ID: 5902784	N/221.7	10.42	<u>263</u>
<u>80</u>	EHS		Hwy 17 Sudbury to Markstat ON	SW/230.1	-0.31	<u>266</u>
<u>81</u>	WWIS		lot 13 con 4 ON Well ID: 5902783	N/231.5	10.42	<u>267</u>
<u>82</u>	WWIS		lot 13 con 4 ON Well ID: 5902781	N/241.2	10.50	<u>270</u>

Executive Summary: Summary By Data Source

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA 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>
HAGAR TOWNSHIP	MAIN ST./PIONEER ST., MARKSTAY HAGAR TWP. ON P0M 1X0	0.0	<u>2</u>
1381407 Ontario Limited	7 Millichamp Street Markstay-Warren ON	43.1	<u>60</u>
1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren ON	43.1	<u>60</u>
1381407 Ontario Limited	7 Millichamp St Markstay-Warren ON	43.1	<u>60</u>

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Oct 2023 has found that there are 1 DTNK 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>
MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	4.1	<u>52</u>

EBR - Environmental Registry

A search of the EBR database, dated 1994 - Jan 31, 2024 has found that there are 2 EBR 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>
1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay- Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN ON	43.1	<u>60</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN ON	43.1	60

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jan 31, 2024 has found that there are 4 ECA 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>
The Corporation of the Municipality of Markstay-Warren	2 Pioneer St E Markstay-Warren ON P0M 2G0	0.0	3
1381407 Ontario Limited	7 Millichamp Street, Box 180 Markstay-Warren ON P0M 2G0	43.1	60
1381407 Ontario Limited	7 Millichamp Street Markstay-Warren ON P0M 2G0	43.1	60
1381407 Ontario Limited	7 Millichamp St Markstay-Warren ON P0M 2G0	43.1	60

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 2 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>
	Markstay Municipal Property Markstay ON	0.0	30
	Hwy 17 Sudbury to Markstat ON	230.1	80

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Oct 2023 has found that there are 3 EXP 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>
MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	0.0	<u>48</u>
MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	0.0	<u>48</u>
MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	0.0	<u>48</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 17 GEN 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>
RAINBOW DISTRICT SCHOOL BOARD	7 Pioneer Street East Markstay ON P0M 2G0	0.0	<u>22</u>
MARKSTAY-WARREN, MUNICIPALITY OF	6 Millichamp Street Markstay-Warren ON P0M 2G0	0.0	<u>29</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON	0.1	<u>50</u>
MARKSTAY-WARREN, MUNICIPALITY OF	48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	0.1	<u>50</u>
Artisan Cabinets	7 MILLICHAMP Street MARKSTAY ON P0M 2G0	43.1	<u>60</u>
Artisan Cabinets	7 MILLICHAMP Street MARKSTAY ON P0M 2G0	43.1	<u>60</u>
DON & ART BAST	7 MILLICHAMP MARKSTAY ON P0M 2G0	43.1	<u>60</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC 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>
	20 MAIN STREET ST. CHARLES ON	0.0	<u>27</u>
	10 PIONEER STREET WEST MARKSTAY ON	5.5	<u>53</u>

NPR2 - National Pollutant Release Inventory 1993-2020

A search of the NPR2 database, dated Sep 2020 has found that there are 1 NPR2 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>
ARTISAN CABINETS	7 MILLICHAMP STREET MARKSTAY ON P0M2G0	43.1	<u>60</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 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	SE CORNER OF PIONEER ST E & MAIN ST,,MARKSTAY,ON,P0M 2G0,CA ON	0.0	<u>2</u>
ENBRIDGE GAS INC	35 MAIN ST N,,MARKSTAY,ON,P0M 2G0,CA ON	205.5	<u>77</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT 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>
MARKSTAY GARAGE	27 MAIN ST S MARKSTAY ON	4.1	<u>52</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 3 SCT 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>
KAN-TEX MANUFACTURING	7 Millichamp St Markstay ON P0M 2G0	43.1	<u>60</u>
Kan-Tex Manufacturing - Div. of Bast Industrial Fabric & Supply Ltd.	7 Millichamp St Markstay ON	43.1	<u>60</u>
KAN-TEX MANUFACTURING	7 MILLICHAMP ST MARKSTAY ON P0M 2G0	43.1	<u>60</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; May 2023-Dec 2023 has found that there are 6 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>
	2 Pioneer St East Markstay-Warren ON	0.0	<u>3</u>
Union Gas Limited	7 Pioneer St Markstay-Warren ON	0.0	<u>11</u>
	10 Pioneer Street W, Markstay Markstay-Warren ON	0.0	<u>14</u>
	20 Main St St. Charles ON	0.0	<u>27</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hydro One Networks Inc.	51 Main Street N Markstay-Warren ON	6.2	<u>54</u>
	35 Main Street N, Markstay Markstay-Warren ON	205.5	<u>77</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 69 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 13 con 3 ON <i>Well ID: 5903176</i>	0.0	<u>1</u>
	lot 13 con 3 ON <i>Well ID: 5903515</i>	0.0	<u>4</u>
	lot 13 con 3 ON <i>Well ID: 5904437</i>	0.0	<u>5</u>
	lot 12 con 3 ON <i>Well ID: 5901158</i>	0.0	<u>6</u>
	lot 13 con 4 ON <i>Well ID: 5904436</i>	0.0	<u>7</u>
	lot 13 con 4 ON <i>Well ID: 5904702</i>	0.0	<u>7</u>
	lot 12 con 4 ON <i>Well ID: 5903923</i>	0.0	<u>8</u>
	lot 12 con 3 ON	0.0	<u>9</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 5903181		
	lot 12 con 3 ON	0.0	<u>10</u>
	Well ID: 5902307		
	lot 12 con 4 ON	0.0	<u>12</u>
	Well ID: 5904415		
	lot 13 con 3 ON	0.0	<u>13</u>
	Well ID: 5901160		
	lot 13 con 3 ON	0.0	<u>15</u>
	Well ID: 5903175		
	lot 13 con 3 ON	0.0	<u>15</u>
	Well ID: 5903926		
	lot 12 con 3 ON	0.0	<u>16</u>
	Well ID: 5902443		
	lot 12 con 3 ON	0.0	<u>17</u>
	Well ID: 5902778		
	lot 13 con 3 ON	0.0	<u>18</u>
	Well ID: 5901168		
	lot 13 con 3 ON	0.0	<u>19</u>
	Well ID: 5901166		
	lot 12 con 3 ON	0.0	<u>20</u>
	Well ID: 5903258		
	lot 12 con 3 ON	0.0	<u>21</u>
	Well ID: 5903257		

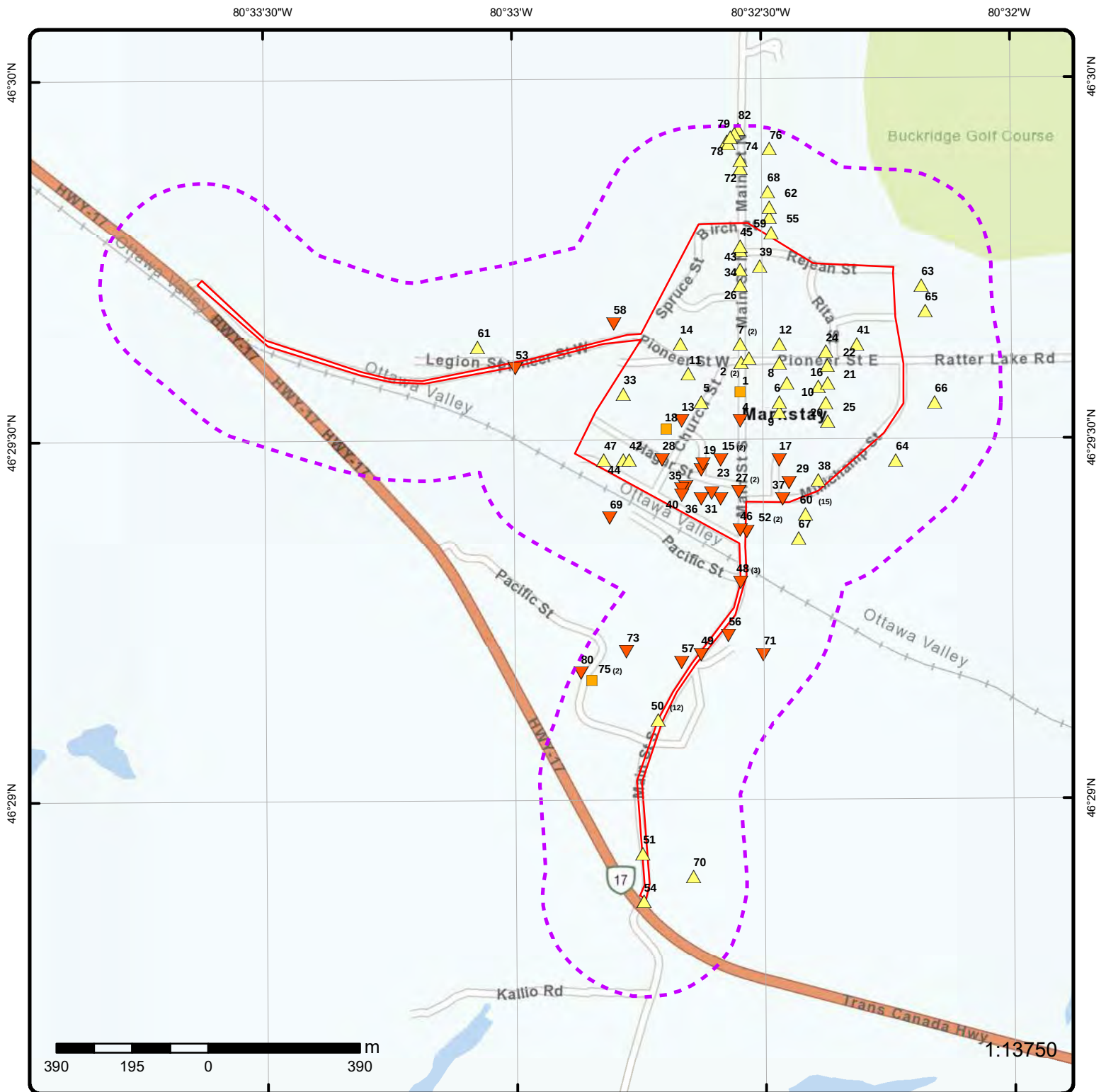
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 3 ON <i>Well ID:</i> 5901165	0.0	<u>23</u>
	lot 12 con 4 ON <i>Well ID:</i> 5903015	0.0	<u>24</u>
	lot 12 con 3 ON <i>Well ID:</i> 5903256	0.0	<u>25</u>
	lot 12 con 4 ON <i>Well ID:</i> 5903179	0.0	<u>26</u>
	lot 13 con 3 ON <i>Well ID:</i> 5903511	0.0	<u>28</u>
	lot 12 con 3 ON <i>Well ID:</i> 5904414	0.0	<u>31</u>
	lot 13 con 3 ON <i>Well ID:</i> 5902563	0.0	<u>32</u>
	lot 13 con 3 ON <i>Well ID:</i> 5902854	0.0	<u>33</u>
	lot 13 con 4 ON <i>Well ID:</i> 5903006	0.0	<u>34</u>
	lot 13 con 3 ON <i>Well ID:</i> 5901137	0.0	<u>35</u>
	lot 13 con 3 ON <i>Well ID:</i> 5901167	0.0	<u>36</u>
	lot 10 con 3 ON	0.0	<u>37</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 5901980		
	lot 10 con 3 ON	0.0	<u>38</u>
	Well ID: 5904483		
	lot 12 con 4 ON	0.0	<u>39</u>
	Well ID: 5904701		
	lot 13 con 3 ON	0.0	<u>40</u>
	Well ID: 5902870		
	lot 12 con 4 ON	0.0	<u>41</u>
	Well ID: 5902560		
	lot 13 con 3 ON	0.0	<u>42</u>
	Well ID: 5901161		
	lot 13 con 4 ON	0.0	<u>43</u>
	Well ID: 5902788		
	lot 12 con 3 ON	0.0	<u>44</u>
	Well ID: 5904772		
	lot 13 con 4 ON	0.0	<u>45</u>
	Well ID: 5902853		
	lot 13 con 3 ON	0.0	<u>46</u>
	Well ID: 5902449		
	lot 13 con 3 ON	0.0	<u>47</u>
	Well ID: 5903018		
	lot 13 con 3 ON	0.0	<u>49</u>
	Well ID: 5901170		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 3 ON <i>Well ID:</i> 5902999	0.0	<u>51</u>
	lot 12 con 4 ON <i>Well ID:</i> 5901173	11.3	<u>55</u>
	lot 13 con 3 ON <i>Well ID:</i> 5901163	19.0	<u>56</u>
	lot 13 con 3 ON <i>Well ID:</i> 5901169	23.0	<u>57</u>
	lot 13 con 4 ON <i>Well ID:</i> 5901159	35.9	<u>58</u>
	lot 12 con 4 ON <i>Well ID:</i> 5903180	42.7	<u>59</u>
	lot 14 con 4 ON <i>Well ID:</i> 5901176	57.2	<u>61</u>
	lot 12 con 4 ON <i>Well ID:</i> 5902786	64.0	<u>62</u>
	lot 12 con 4 ON <i>Well ID:</i> 5901174	70.6	<u>63</u>
	lot 12 con 3 ON <i>Well ID:</i> 5903917	73.4	<u>64</u>
	lot 12 con 4 ON <i>Well ID:</i> 5901175	77.3	<u>65</u>
	lot 12 con 3 ON	80.4	<u>66</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 5903918		
	lot 12 con 3 ON	95.0	<u>67</u>
	Well ID: 5903579		
	lot 12 con 4 ON	95.4	<u>68</u>
	Well ID: 5903017		
	lot 13 con 3 ON	103.1	<u>69</u>
	Well ID: 5901162		
	lot 11 con 3 ON	113.2	<u>70</u>
	Well ID: 5901982		
	lot 10 con 3 ON	120.5	<u>71</u>
	Well ID: 5901981		
	lot 12 con 4 ON	141.1	<u>72</u>
	Well ID: 5904727		
	lot 13 con M ON	156.2	<u>73</u>
	Well ID: 5905277		
	lot 13 con 4 ON	161.1	<u>74</u>
	Well ID: 5902787		
	lot 13 con 3 ON	197.0	<u>75</u>
	Well ID: 5905279		
	lot 13 con 3 ON	197.0	<u>75</u>
	Well ID: 5905389		
	lot 12 con 4 ON	198.7	<u>76</u>
	Well ID: 5902782		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 13 con 4 ON <i>Well ID: 5902785</i>	212.0	<u>78</u>
	lot 13 con 4 ON <i>Well ID: 5902784</i>	221.7	<u>79</u>
	lot 13 con 4 ON <i>Well ID: 5902783</i>	231.5	<u>81</u>
	lot 13 con 4 ON <i>Well ID: 5902781</i>	241.2	<u>82</u>



Map: 0.25 Kilometer Radius

Order Number: 24032100047

Address: Town of Markstay - Excess Soils, Markstay-Warren, ON



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

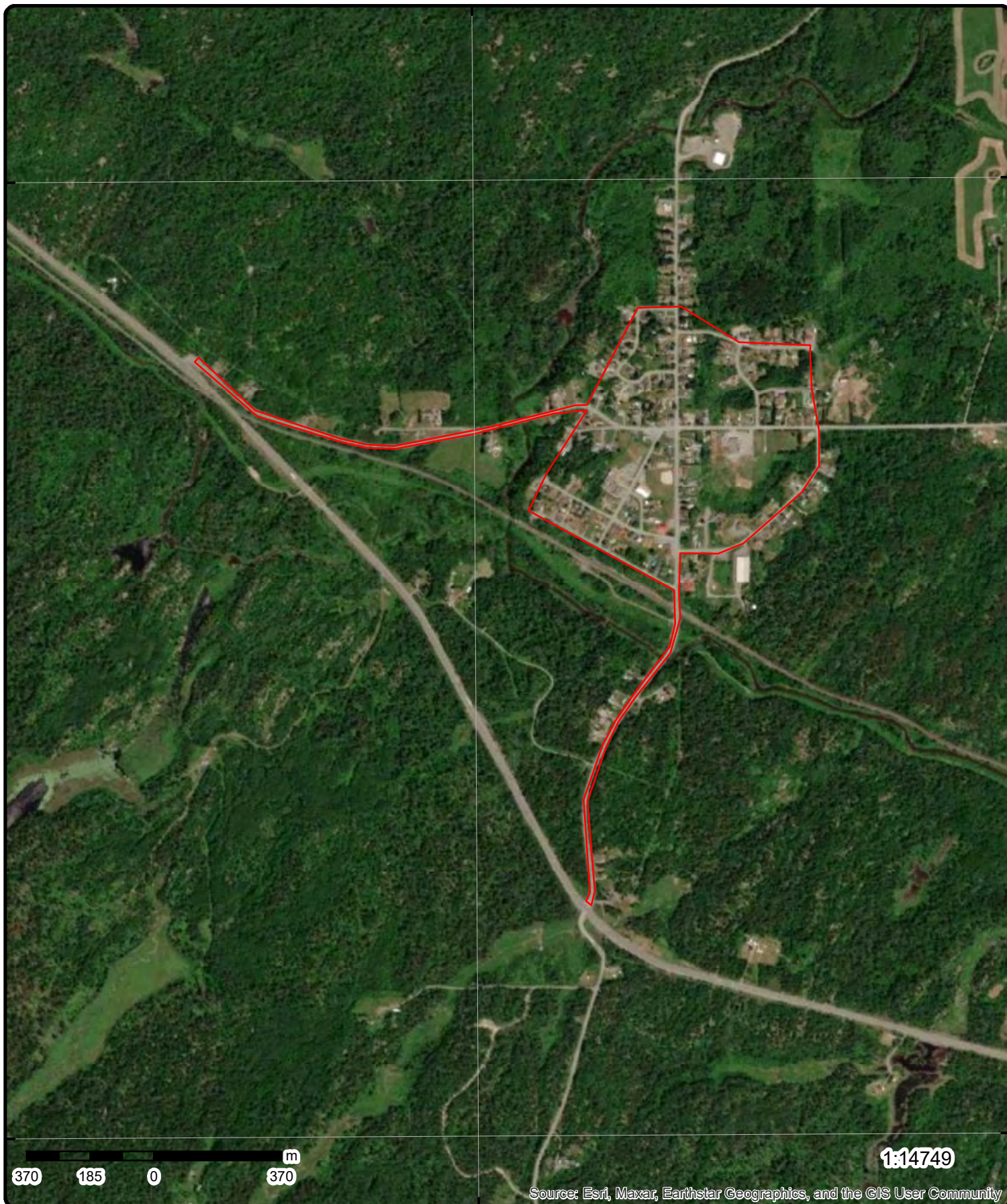
80°33'W

46°30'N

46°30'N

46°28'30"N

46°28'30"N



Aerial

Year: 2018

Order Number: 24032100047

Address: Town of Markstay - Excess Soils, Markstay-Warren, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

80°34'30"W

80°33'W

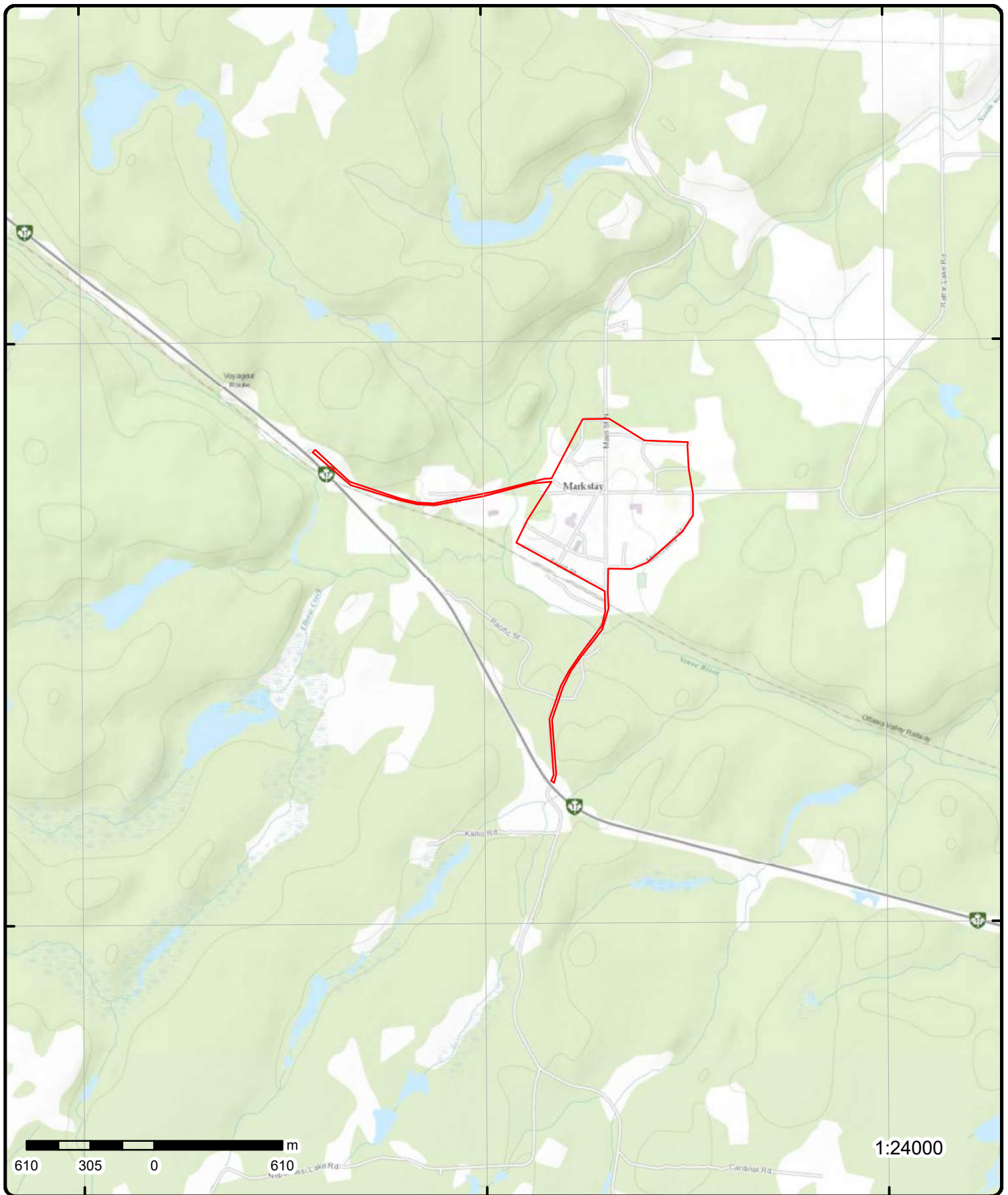
80°31'30"W

46°30'N

46°30'N

46°28'30"N

46°28'30"N



Topographic Map

Address: Town of Markstay - Excess Soils, ON

Source: ESRI World Topographic Map

Order Number: 24032100047



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	S/0.0	217.0 / 0.00	lot 13 con 3 ON	WWIS
Well ID: 5903176 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: HAGAR TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 01/07/1974 Selected Flag: TRUE Abandonment Rec: Contractor: 3614 Form Version: 1 Owner: County: SUDBURY Lot: 013 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map):https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903176.pdf					
Well Completed Date: 06/22/1973 Year Completed: 1973 Depth (m): 33.528 Latitude: 46.492754830048 Longitude: -80.5424320136471 Path: 590\5903176.pdf					
Bore Hole ID: 10420959 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 06/22/1973 Remarks: Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: Elevrc: Zone: 17 East83: 535114.70 North83: 5148900.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438651			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		46			
Mat2 Desc:		QUARTZ			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		18.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438650			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903176			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969529			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685395			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		2.0			
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:		930685396			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		110.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903176			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		10.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935105093			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589422			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846960			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315552			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		8.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903849			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		98.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420959			Tag No:	
Depth M:	33.528			Contractor:	3614
Year Completed:	1973			Latitude:	46.492754830048
Well Completed Dt:	06/22/1973			Longitude:	-80.5424320136471
Audit No:				Y:	46.49275483387055
Path:	590\5903176.pdf			X:	-80.54243185504126
2	1 of 2	N/0.0	219.0 / 2.03	HAGAR TOWNSHIP MAIN ST./PIONEER ST., MARKSTAY HAGAR TWP. ON P0M 1X0	CA
Certificate #:	3-0590-95-				
Application Year:	95				
Issue Date:	7/17/1995				
Approval Type:	Municipal sewage				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
2	2 of 2	N/0.0	219.0 / 2.03	ENBRIDGE GAS INC SE CORNER OF PIONEER ST E & MAIN ST,, MARKSTAY,ON,P0M 2G0,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	2698074			Fuel Category:	
Incident Reported Dt:	10/9/2019			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	ENBRIDGE GAS INC				
Incident Address:	SE CORNER OF PIONEER ST E & MAIN ST,,MARKSTAY,ON,P0M 2G0,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
3	1 of 2	NNE/0.0	219.1 / 2.06	The Corporation of the Municipality of Markstay-Warren 2 Pioneer St E Markstay-Warren ON P0M 2G0	ECA
Approval No: 2442-B69MEB Approval Date: 2018-11-14 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: The Corporation of the Municipality of Markstay-Warren Address: 2 Pioneer St E Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1687-B3VLF3-14.pdf PDF Site Location:					
3	2 of 2	NNE/0.0	219.1 / 2.06	2 Pioneer St East Markstay-Warren ON	SPL
Ref No: 2178-BGLQEA Year: Incident Dt: 10/3/2019 Dt MOE Arvl on Scn: MOE Reported Dt: 10/3/2019 Dt Document Closed: 10/24/2019 Site No: NA MOE Response: No Site County/District: District of Sudbury Site Geo Ref Meth: Site District Office: Sudbury Nearest Watercourse: Site Name: tssa<UNOFFICIAL> Site Address: 2 Pioneer St East Site Region: Northern Site Municipality: Markstay-Warren Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 1 number (count) System Facility Address: Client Name: Client Type: Source Type: Pipeline/Components Contaminant Code: 35 Contaminant Name: METHANE GAS, COMPRESSED (NATURAL GAS)					
Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Incident Reason: Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Call Report Locatn Geodata:					
		1971			
		Air			
		Material Failure - Poor Design/Substandard Material			
		tssa 2" pl main MP evacuation but made safe			
		Miscellaneous Communal			
		Main - Numeric Index			

4	1 of 1	S/O.0	215.3 / -1.69	lot 13 con 3 ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:					
	5903515				
				Flowing (Y/N):	
				Flow Rate:	
	Domestic			Data Entry Status:	
	0			Data Src:	1
	Water Supply			Date Received:	01/30/1976
				Selected Flag:	TRUE
				Abandonment Rec:	
				Contractor:	3614
				Form Version:	1
				Owner:	
				County:	SUDBURY
				Lot:	013
				Concession:	03
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):					
		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903515.pdf			

Additional Detail(s) (Map)

Well Completed Date:	09/03/1974
Year Completed:	1974
Depth (m):	91.44
Latitude:	46.4920798841658
Longitude:	-80.5424376741939
Path:	590\5903515.pdf

Bore Hole Information

Bore Hole ID:	10421279	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535114.70
Code OB Desc:		North83:	5148825.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	09/03/1974	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			

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:		932439440			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932439441			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		300.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965903515			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969849			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685867			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903515			
Pump Set At:					
Static Level:		21.0			
Final Level After Pumping:		24.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935106104			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		24.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934327268			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934590428			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934847966			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		24.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904130			
Layer:		1			
Kind Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		292.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:	10421279			Tag No:	
Depth M:	91.44			Contractor:	3614
Year Completed:	1974			Latitude:	46.4920798841658
Well Completed Dt:	09/03/1974			Longitude:	-80.5424376741939
Audit No:				Y:	46.492079887845954
Path:	590\5903515.pdf			X:	-80.54243751539737

5	1 of 1	WSW/0.0	218.0 / 1.03	lot 13 con 3 ON	WWIS
Well ID:	5904437			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/05/1981
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1443
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904437.pdf				

Additional Detail(s) (Map)

Well Completed Date: 01/01/1980
 Year Completed: 1980
 Depth (m): 43.2816
 Latitude: 46.4925350533014
 Longitude: -80.543736919778
 Path: 590\5904437.pdf

Bore Hole Information

Bore Hole ID:	10422183	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535014.70
Code OB Desc:		North83:	5148875.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	01/01/1980	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			

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:		932441764			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		46			
Mat2 Desc:		QUARTZ			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		40.0			
Formation End Depth:		142.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932441763			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965904437			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10970753			
Casing No:		1			
Comment:					
Alt Name:					
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995904437			
Pump Set At:					
Static Level:		0.0			
Final Level After Pumping:		18.0			
Recommended Pump Depth:		30.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935107842			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		18.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934592151			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		14.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934325813			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		12.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934840920			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		18.0			
Test Level UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10422183			Tag No:	
Depth M:	43.2816			Contractor:	1443
Year Completed:	1980			Latitude:	46.4925350533014
Well Completed Dt:	01/01/1980			Longitude:	-80.543736919778
Audit No:				Y:	46.49253505665585
Path:	590\5904437.pdf			X:	-80.54373676089617
6	1 of 1	ESE/0.0	219.4 / 2.36	lot 12 con 3 ON	WWIS
Well ID:	5901158			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/06/1968

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432695			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		17.0			
Formation End Depth:		137.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901158			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967533			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682262			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		137.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682261			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901158			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		1.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		7			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID: 933901891
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 126.0
Water Found Depth UOM: ft

Water Details

Water ID: 933901892
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 131.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10418963	Tag No:	
Depth M:	41.7576	Contractor:	3614
Year Completed:	1968	Latitude:	46.4925246280478
Well Completed Dt:	01/31/1968	Longitude:	-80.5411308816207
Audit No:		Y:	46.492524631407136
Path:	590\5901158.pdf	X:	-80.54113072305651

<u>7</u>	1 of 2	N/0.0	220.1 / 3.14	lot 13 con 4 ON	WWIS
Well ID:	5904436			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/05/1981
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1443
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:		HAGAR TOWNSHIP			UTM Reliability:
Municipality:					
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904436.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		08/08/1980			
Year Completed:		1980			
Depth (m):		47.244			
Latitude:		46.4938797396727			
Longitude:		-80.5424225789505			
Path:		590\5904436.pdf			
Bore Hole Information					
Bore Hole ID:		10422182		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535114.70
Code OB Desc:				North83:	5149025.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		08/08/1980		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		932441761			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
Overburden and Bedrock					
Materials Interval					
Formation ID:		932441762			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		73			
Mat2 Desc:		HARD			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		155.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965904436			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10970752			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930687407			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		18.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995904436			
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933905049			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933905050			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		148.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10422182			Tag No:	
Depth M:	47.244			Contractor:	1443
Year Completed:	1980			Latitude:	46.4938797396727
Well Completed Dt:	08/08/1980			Longitude:	-80.5424225789505
Audit No:				Y:	46.49387974343817
Path:	590\5904436.pdf			X:	-80.54242241991665
7	2 of 2	N/0.0	220.1 / 3.14	lot 13 con 4 ON	WWIS
Well ID:	5904702			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/20/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	5210
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904702.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	11/11/1982				
Year Completed:	1982				
Depth (m):	50.292				
Latitude:	46.4938797396727				
Longitude:	-80.5424225789505				
Path:	590\5904702.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10422435			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535114.70
Code OB Desc:				North83:	5149025.00
Open Hole:				Org CS:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	5
Date Completed:	11/11/1982			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932442414			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		21.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932442415			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932442416			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		22.0			
Formation End Depth:		165.0			
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:		932442413			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965904702			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10971005			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930687846			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		165.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930687845			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995904702			
Pump Set At:					
Static Level:		15.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping:		165.0			
Recommended Pump Depth:		155.0			
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		15			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934841490			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935108429			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934326397			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934592723			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933905304			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10422435		Tag No:	
Depth M:		50.292		Contractor:	5210
Year Completed:		1982		Latitude:	46.4938797396727
Well Completed Dt:		11/11/1982		Longitude:	-80.5424225789505

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No: Path:	590\5904702.pdf			Y: X:	46.49387974343817 -80.54242241991665

8	1 of 1	ENE/0.0	219.3 / 2.32	lot 12 con 4 ON	WWIS
Well ID:	5903923			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/15/1977
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903923.pdf

Additional Detail(s) (Map)

Well Completed Date: 07/26/1977
Year Completed: 1977
Depth (m): 31.6992
Latitude: 46.4934245556382
Longitude: -80.5411233125074
Path: 590\5903923.pdf

Bore Hole Information

Bore Hole ID:	10421681	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535214.70
Code OB Desc:		North83:	5148975.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	07/26/1977	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 932440458
Layer: 2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		46			
Mat2 Desc:		QUARTZ			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		20.0			
Formation End Depth:		104.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932440457			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		965903923			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10970251			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930686507			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930686508			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		104.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903923			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:		10.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934848572			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		9.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934591035			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934325237			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		7.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935106710			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904523			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		98.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:	10421681			Tag No:	
Depth M:	31.6992			Contractor:	3614
Year Completed:	1977			Latitude:	46.4934245556382
Well Completed Dt:	07/26/1977			Longitude:	-80.5411233125074
Audit No:				Y:	46.493424559908156
Path:	590\5903923.pdf			X:	-80.5411231537566

9	1 of 1	ESE/0.0	219.4 / 2.36	lot 12 con 3 ON	WWIS
Well ID:	5903181			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/07/1974
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903181.pdf				

Additional Detail(s) (Map)

Well Completed Date: 03/28/1973
 Year Completed: 1973
 Depth (m): 39.0144
 Latitude: 46.4922996461279
 Longitude: -80.5411327738424
 Path: 590\5903181.pdf

Bore Hole Information

Bore Hole ID:	10420964	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535214.70
Code OB Desc:		North83:	5148850.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	03/28/1973	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438661			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438662			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		46			
Mat2 Desc:		QUARTZ			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		28.0			
Formation End Depth:		128.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903181			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969534			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685406			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		128.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930685405			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		34.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903181			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:		12.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846965			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		12.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315557			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935105098			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		12.0			
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:		934589426			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903854			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420964			Tag No:	
Depth M:	39.0144			Contractor:	3614
Year Completed:	1973			Latitude:	46.4922996461279
Well Completed Dt:	03/28/1973			Longitude:	-80.5411327738424
Audit No:				Y:	46.492299649583494
Path:	590\5903181.pdf			X:	-80.54113261493234
10	1 of 1	E/0.0	220.7 / 3.75	lot 12 con 3 ON	WWIS
Well ID:	5902307			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/30/1970
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902307.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	03/13/1970				
Year Completed:	1970				
Depth (m):	33.8328				
Latitude:	46.4929735460537				
Longitude:	-80.5408664912241				
Path:	590\5902307.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10420110			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535234.70
Code OB Desc:				North83:	5148925.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	03/13/1970			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932436281				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	4.0				
Formation End Depth:	15.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932436285				
Layer:	6				
Color:	2				
General Color:	GREY				
Mat1:	26				
Most Common Material:	ROCK				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	108.0				
Formation End Depth:	111.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932436284				
Layer:	5				
Color:	7				
General Color:	RED				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		24.0			
Formation End Depth:		108.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932436280			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932436282			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932436283			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		23.0			
Formation End Depth:		24.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902307			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968680			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684049			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		111.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684048			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902307			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		28.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322089			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		28.0			
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:		934844731			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935111073			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934587189			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933902987			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		108.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420110			Tag No:	
Depth M:	33.8328			Contractor:	3614
Year Completed:	1970			Latitude:	46.4929735460537
Well Completed Dt:	03/13/1970			Longitude:	-80.5408664912241
Audit No:				Y:	46.49297354956045
Path:	590\5902307.pdf			X:	-80.54086633183783
11	1 of 1	W/0.0	219.0 / 2.04	Union Gas Limited 7 Pioneer St Markstay-Warren ON	SPL
Ref No:	8148-8YQM8L			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	03-OCT-12			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	03-OCT-12			Health/Env Conseq:	
Dt Document Closed:	16-OCT-12			Agency Involved:	
Site No:					
MOE Response:	No Field Response				
Site County/District:					
Site Geo Ref Meth:	NA				
Site District Office:					
Nearest Watercourse:					
Site Name:	7 Pioneer Street				
Site Address:	7 Pioneer St				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Region:					
Site Municipality:		Markstay-Warren			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:		NA			
Site Map Datum:		NA			
Northing:		NA			
Easting:		NA			
Incident Cause:		Leak/Break			
Incident Event:					
Environment Impact:		Not Anticipated			
Nature of Impact:		Air Pollution			
Contaminant Qty:		0 other - see incident description			
System Facility Address:					
Client Name:		Union Gas Limited			
Client Type:					
Source Type:					
Contaminant Code:		35			
Contaminant Name:		NATURAL GAS (METHANE)			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Incident Reason:		Operator/Human Error			
Incident Summary:		TSSA: 1 1/4 inch damage, made safe, evacuations			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Pipeline/Components			
SAC Action Class:		TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill			
Call Report Locatn Geodata:					

12	1 of 1	NE/0.0	219.1 / 2.12	lot 12 con 4 ON	WWIS
Well ID:	5904415	Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:	Domestic	Data Entry Status:			
Use 2nd:	0	Data Src: 1			
Final Well Status:	Water Supply	Date Received: 01/09/1981			
Water Type:		Selected Flag: TRUE			
Casing Material:		Abandonment Rec:			
Audit No:		Contractor: 2612			
Tag:		Form Version: 1			
Constructn Method:		Owner:			
Elevation (m):		County: SUDBURY			
Elevatn Reliabilty:		Lot: 012			
Depth to Bedrock:		Concession: 04			
Well Depth:		Concession Name: CON			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590/5904415.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	12/23/1980				
Year Completed:	1980				
Depth (m):	51.816				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		46.4938745193796			
Longitude:		-80.5411195278147			
Path:		590\5904415.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10422161			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535214.70
Code OB Desc:				North83:	5149025.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/23/1980			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932441689				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	16.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932441690				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	16.0				
Formation End Depth:	170.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965904415				
Method Construction Code:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10970731				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930687376				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	170.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995904415				
Pump Set At:					
Static Level:	8.0				
Final Level After Pumping:	22.0				
Recommended Pump Depth:					
Pumping Rate:	3.0				
Flowing Rate:					
Recommended Pump Rate:	3.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933905025				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	168.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10422161		Tag No:	2612	
Depth M:	51.816		Contractor:	46.4938745193796	
Year Completed:	1980		Latitude:	46.49387452259414	
Well Completed Dt:	12/23/1980		Longitude:	-80.5411195278147	
Audit No:			Y:	46.49387452259414	
Path:	590\5904415.pdf		X:	-80.54111936910665	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	WSW/0.0	216.5 / -0.47	lot 13 con 3 ON	WWIS
Well ID:5901160 Construction Date: Use 1st:Public Use 2nd:0 Final Well Status:Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:HAGAR TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:1 Date Received:01/23/1962 Selected Flag:TRUE Abandonment Rec: Contractor:1406 Form Version:1 Owner: County:SUDBURY Lot:013 Concession:03 Concession Name:CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901160.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/03/1961			
Year Completed:		1961			
Depth (m):		60.3504			
Latitude:		46.4920876862854			
Longitude:		-80.5443921871001			
Path:		590\5901160.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10418965		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:17	
Code OB:				East83:534964.70	
Code OB Desc:				North83:5148825.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:5	
Date Completed:		11/03/1961		UTMRC Desc:margin of error : 100 m - 300 m	
Remarks:				Location Method:p5	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432698			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432699			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		198.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965901160			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967535			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682265			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682266			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		198.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995901160				
Pump Set At:					
Static Level:	9.0				
Final Level After Pumping:	24.0				
Recommended Pump Depth:	25.0				
Pumping Rate:	4.0				
Flowing Rate:					
Recommended Pump Rate:	4.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	5				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933901894				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	192.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10418965			Tag No:	
Depth M:	60.3504			Contractor:	1406
Year Completed:	1961			Latitude:	46.4920876862854
Well Completed Dt:	11/03/1961			Longitude:	-80.5443921871001
Audit No:				Y:	46.49208768968468
Path:	590\5901160.pdf			X:	-80.54439202783203
<u>14</u>	1 of 1	WNW/0.0	219.0 / 2.04	10 Pioneer Street W, Markstay Markstay-Warren ON	SPL
Ref No:	0582-BE5PTK			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:	7/16/2019			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	7/16/2019			Health/Env Conseq:	2 - Minor Environment
Dt Document Closed:	10/24/2019			Agency Involved:	
Site No:	NA				
MOE Response:	No				
Site County/District:	District of Sudbury				
Site Geo Ref Meth:					
Site District Office:	Sudbury				
Nearest Watercourse:					
Site Name:	Line Strike<UNOFFICIAL>				
Site Address:	10 Pioneer Street W, Markstay				
Site Region:	Northern				
Site Municipality:	Markstay-Warren				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10420958			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535064.70
Code OB Desc:				North83:	5148725.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	06/24/1973			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932438648				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	07				
Mat2 Desc:	QUICKSAND				
Mat3:	13				
Mat3 Desc:	BOULDERS				
Formation Top Depth:	0.0				
Formation End Depth:	32.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932438649				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	46				
Mat2 Desc:	QUARTZ				
Mat3:	73				
Mat3 Desc:	HARD				
Formation Top Depth:	32.0				
Formation End Depth:	95.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965903175				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10969528			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685394			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		95.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685393			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		34.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903175			
Pump Set At:					
Static Level:		0.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589421			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		19.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315551			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846959			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935105092			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903848			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		88.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10420958		Tag No:	
Depth M:		28.956		Contractor:	3614
Year Completed:		1973		Latitude:	46.4911825605335
Well Completed Dt:		06/24/1973		Longitude:	-80.5430967147402
Audit No:				Y:	46.49118256496255
Path:		590\5903175.pdf		X:	-80.54309655620338
15	2 of 2	SSW/0.0	213.3 / -3.69	lot 13 con 3 ON	WWIS
Well ID:		5903926		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	05/10/1978
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					

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/590\5903926.pdf			
Additional Detail(s) (Map)					
Well Completed Date:	11/05/1977				
Year Completed:	1977				
Depth (m):	86.868				
Latitude:	46.4911825605335				
Longitude:	-80.5430967147402				
Path:	590\5903926.pdf				
Bore Hole Information					
Bore Hole ID:	10421684	Elevation:			
DP2BR:		Elevrc:			
Spatial Status:		Zone:		17	
Code OB:		East83:		535064.70	
Code OB Desc:		North83:		5148725.00	
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:		5	
Date Completed:	11/05/1977	UTMRC Desc:		margin of error : 100 m - 300 m	
Remarks:		Location Method:		p5	
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock Materials Interval					
Formation ID:	932440464				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	46				
Mat2 Desc:	QUARTZ				
Mat3:	73				
Mat3 Desc:	HARD				
Formation Top Depth:	69.0				
Formation End Depth:	285.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock Materials Interval					
Formation ID:	932440463				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	07				
Mat2 Desc:	QUICKSAND				
Mat3:	77				
Mat3 Desc:	LOOSE				
Formation Top Depth:	0.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		69.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965903926			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10970254			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930686514			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		285.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930686513			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		71.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903926			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:		17.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
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:		934848575			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934325240			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935106713			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934591038			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904526			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933904527			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		281.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421684			Tag No:	
Depth M:	86.868			Contractor:	3614
Year Completed:	1977			Latitude:	46.4911825605335
Well Completed Dt:	11/05/1977			Longitude:	-80.5430967147402
Audit No:				Y:	46.49118256496255
Path:	590\5903926.pdf			X:	-80.54309655620338

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	1 of 1	E/0.0	224.0 / 7.03	lot 12 con 3 ON	WWIS
Well ID:5902443 Construction Date: Use 1st:Public Use 2nd:0 Final Well Status:Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:HAGAR TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:1 Date Received:11/24/1970 Selected Flag:TRUE Abandonment Rec: Contractor:3614 Form Version:1 Owner: County:SUDBURY Lot:012 Concession:03 Concession Name:CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map):https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902443.pdf Well Completed Date:10/22/1970 Year Completed:1970 Depth (m):57.3024 Latitude:46.492879364144 Longitude:-80.539824826887 Path:590\5902443.pdf Bore Hole ID:10420244 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:10/22/1970 Remarks: Loc Method Desc:Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: Elevrc: Zone:17 East83:535314.70 North83:5148915.00 Org CS: UTMRC:4 UTMRC Desc:margin of error : 30 m - 100 m Location Method:p4 Overburden and Bedrock Materials Interval Formation ID:932436679 Layer:3 Color:2 General Color:GREY Mat1:11 Most Common Material:GRAVEL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		37.0			
Formation End Depth:		41.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932436678			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		37.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932436680			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41.0			
Formation End Depth:		188.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932436677			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		965902443			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968814			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684269			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		188.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684268			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		44.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902443			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		28.0			
Recommended Pump Depth:		90.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322602			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		28.0			

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:		934587702			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935111586			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845243			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903137			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		125.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933903139			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		183.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933903138			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420244			Tag No:	
Depth M:	57.3024			Contractor:	3614
Year Completed:	1970			Latitude:	46.492879364144
Well Completed Dt:	10/22/1970			Longitude:	-80.539824826887
Audit No:				Y:	46.49287936794657

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:	590\5902443.pdf			X:	-80.53982466824205
17	1 of 1	SE/0.0	216.6 / -0.40	lot 12 con 3 ON	WWIS
Well ID:	5902778			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Commerical			Data Entry Status:	
Use 2nd:	Domestic			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902778.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	09/13/1971				
Year Completed:	1971				
Depth (m):	32.004				
Latitude:	46.4911747363938				
Longitude:	-80.5411422346111				
Path:	590\5902778.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10420576			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535214.70
Code OB Desc:				North83:	5148725.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	09/13/1971			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932437629				
Layer:	2				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437630			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		32.0			
Formation End Depth:		105.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437628			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965902778			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10969146			
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:		930684784			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		105.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930684783			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		34.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902778			
Pump Set At:					
Static Level:		2.0			
Final Level After Pumping:		2.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935112190			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323206			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845846			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		45			
Test Level:		2.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588308			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903473			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		96.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10420576		Tag No:	
Depth M:		32.004		Contractor:	3614
Year Completed:		1971		Latitude:	46.4911747363938
Well Completed Dt:		09/13/1971		Longitude:	-80.5411422346111
Audit No:				Y:	46.49117473949252
Path:		590\5902778.pdf		X:	-80.54114207610804

18	1 of 1	WSW/0.0	217.0 / 0.00	lot 13 con 3 ON	WWIS
Well ID:		5901168		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Public		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	09/21/1967
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901168.pdf			

Additional Detail(s) (Map)

Well Completed Date: 08/19/1967
Year Completed: 1967
Depth (m): 79.8576

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		46.4919097755662			
Longitude:		-80.5449148919571			
Path:		590\5901168.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10418973			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534924.70
Code OB Desc:				North83:	5148805.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	08/19/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932432717				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	9.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932432718				
Layer:	2				
Color:	7				
General Color:	RED				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	9.0				
Formation End Depth:	262.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965901168				
Method Construction Code:	7				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10967543				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930682281				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	12.0				
Casing Diameter:	2.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930682282				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	262.0				
Casing Diameter:	2.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995901168				
Pump Set At:					
Static Level:	15.0				
Final Level After Pumping:	32.0				
Recommended Pump Depth:	60.0				
Pumping Rate:	3.0				
Flowing Rate:					
Recommended Pump Rate:	3.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	10				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933901902				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	156.0				
Water Found Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Links					
Bore Hole ID:	10418973			Tag No:	
Depth M:	79.8576			Contractor:	3614
Year Completed:	1967			Latitude:	46.4919097755662
Well Completed Dt:	08/19/1967			Longitude:	-80.5449148919571
Audit No:				Y:	46.49190977951682
Path:	590\5901168.pdf			X:	-80.54491473309028

19	1 of 1	SW/0.0	213.0 / -4.00	lot 13 con 3 ON	WWIS
Well ID:	5901166			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Livestock			Data Entry Status:	
Use 2nd:	Domestic			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1966
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901166.pdf				

Additional Detail(s) (Map)

Well Completed Date: 03/17/1966
 Year Completed: 1966
 Depth (m): 38.1
 Latitude: 46.4910949084431
 Longitude: -80.543683811584
 Path: 590\5901166.pdf

Bore Hole Information

Bore Hole ID:	10418971	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535019.70
Code OB Desc:		North83:	5148715.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	03/17/1966	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432713			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60.0			
Formation End Depth:		125.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432712			
Layer:		2			
Color:					
General Color:					
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432711			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901166			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10967541			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930682278			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		125.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930682277			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901166			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		3.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		48			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933901900			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		118.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10418971			Tag No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth M:	38.1			Contractor:	3614
Year Completed:	1966			Latitude:	46.4910949084431
Well Completed Dt:	03/17/1966			Longitude:	-80.543683811584
Audit No:				Y:	46.49109491189335
Path:	590\5901166.pdf			X:	-80.5436836526704

20	1 of 1	E/0.0	224.3 / 7.27	lot 12 con 3 ON	WWIS
Well ID:	5903258			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Public			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/03/1974
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1406
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903258.pdf				

Additional Detail(s) (Map)

Well Completed Date: 08/17/1974
 Year Completed: 1974
 Depth (m): 13.716
 Latitude: 46.4925003196206
 Longitude: -80.539560896227
 Path: 590\5903258.pdf

Bore Hole Information

Bore Hole ID: 10421040
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 08/17/1974
 Remarks:
 Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation:
 Elevrc:
 Zone: 17
 East83: 535335.20
 North83: 5148873.00
 Org CS:
 UTMRC: 5
 UTMRC Desc: margin of error : 100 m - 300 m
 Location Method: p5

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932438850			
Layer:		4			
Color:					
General Color:					
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		41			
Mat2 Desc:		GNEISS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932438849			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932438848			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		26.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932438847			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965903258			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10969610			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930685520			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		40.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930685521			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		45.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903258			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:					
Recommended Pump Depth:		39.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
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:		934316019			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934847427			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		34.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589888			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935105561			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903923			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421040			Tag No:	
Depth M:	13.716			Contractor:	1406
Year Completed:	1974			Latitude:	46.4925003196206
Well Completed Dt:	08/17/1974			Longitude:	-80.539560896227
Audit No:				Y:	46.492500323987706
Path:	590\5903258.pdf			X:	-80.53956073705059
21	1 of 1	E/0.0	225.1 / 8.14	lot 12 con 3 ON	WWIS
Well ID:	5903257			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Public			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Observation Wells			Date Received:	10/03/1974
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Contractor:	1406
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903257.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/17/1974			
Year Completed:		1974			
Depth (m):		13.4112			
Latitude:		46.4929680458247			
Longitude:		-80.5394983105648			
Path:		590\5903257.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10421039		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535339.70
Code OB Desc:				North83:	5148925.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		08/17/1974		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932438843			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932438846			
Layer:		4			
Color:					
General Color:					
Mat1:		26			
Most Common Material:		ROCK			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		39.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932438845			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26.0			
Formation End Depth:		39.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932438844			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		26.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965903257			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969609			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685518			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32.0			
Casing Diameter:		3.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685519			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		44.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903257			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589887			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935105560			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		22.0			
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:		934316018			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934847426			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903922			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421039			Tag No:	
Depth M:	13.4112			Contractor:	1406
Year Completed:	1974			Latitude:	46.4929680458247
Well Completed Dt:	08/17/1974			Longitude:	-80.5394983105648
Audit No:				Y:	46.49296804970996
Path:	590\5903257.pdf			X:	-80.53949815229265
<u>22</u>	1 of 1	E/0.0	224.4 / 7.35	RAINBOW DISTRICT SCHOOL BOARD 7 Pioneer Street East Markstay ON P0M 2G0	GEN
Generator No:	ON6607021				
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
Approval Years:	2010				
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:	146				
Waste Class Name:	OTHER SPECIFIED INORGANICS				
Waste Class:	252				
Waste Class Name:	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	SW/0.0	213.0 / -4.00	lot 13 con 3 ON	WWIS
Well ID:5901165 Construction Date: Use 1st: Livestock Use 2nd: Domestic Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: HAGAR TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:1 Date Received:12/27/1965 Selected Flag:TRUE Abandonment Rec: Contractor:3614 Form Version:1 Owner: County: SUDBURY Lot:013 Concession:03 Concession Name:CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901165.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/24/1965			
Year Completed:		1965			
Depth (m):		29.8704			
Latitude:		46.4909601791037			
Longitude:		-80.5437500896382			
Path:		590\5901165.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10418970		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		11/24/1965		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432710			
Layer:		2			
Color:					
General Color:					
Mat1:		21			
Most Common Material:		GRANITE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432709			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965901165			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967540			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682275			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		3.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682276			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		98.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901165			
Pump Set At:					
Static Level:		13.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		48			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901899			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		94.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418970			Tag No:	
Depth M:	29.8704			Contractor:	3614
Year Completed:	1965			Latitude:	46.4909601791037
Well Completed Dt:	11/24/1965			Longitude:	-80.5437500896382
Audit No:				Y:	46.49096018258308
Path:	590\5901165.pdf			X:	-80.5437499312634
24	1 of 1	ENE/0.0	224.4 / 7.39	lot 12 con 4 ON	WWIS
Well ID:	5903015			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1973
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903015.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	09/19/1972				
Year Completed:	1972				
Depth (m):	39.624				
Latitude:	46.4936882499808				
Longitude:	-80.5395573859766				
Path:	590\5903015.pdf				
Bore Hole Information					
Bore Hole ID:	10420812			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535334.70
Code OB Desc:				North83:	5149005.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	09/19/1972			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	932438273				
Layer:	2				
Color:	7				
General Color:	RED				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				
Mat2 Desc:	QUARTZITE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	13.0				
Formation End Depth:	130.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock					
Materials Interval					
Formation ID:	932438272				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	07				
Mat2 Desc:	QUICKSAND				
Mat3:	13				
Mat3 Desc:	BOULDERS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903015			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969382			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685151			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		15.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685152			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		130.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903015			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		22.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
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:		935104552			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315012			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846420			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589300			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903705			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		124.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420812			Tag No:	
Depth M:	39.624			Contractor:	3614
Year Completed:	1972			Latitude:	46.4936882499808
Well Completed Dt:	09/19/1972			Longitude:	-80.5395573859766
Audit No:				Y:	46.4936882538846
Path:	590\5903015.pdf			X:	-80.53955722720487
25	1 of 1	ESE/0.0	222.6 / 5.61	lot 12 con 3 ON	WWIS
Well ID:	5903256			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Public			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/03/1974
Water Type:				Selected Flag:	TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:			Abandonment Rec:		
Audit No:			Contractor: 1406		
Tag:			Form Version: 1		
Constructn Method:			Owner:		
Elevation (m):			County: SUDBURY		
Elevatn Reliabilty:			Lot: 012		
Depth to Bedrock:			Concession: 03		
Well Depth:			Concession Name: CON		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903256.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/17/1974			
Year Completed:		1974			
Depth (m):		61.5696			
Latitude:		46.4920681183673			
Longitude:		-80.5395059063608			
Path:		590\5903256.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10421038		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 535339.70	
Code OB Desc:				North83: 5148825.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 5	
Date Completed:		08/17/1974		UTMRC Desc: margin of error : 100 m - 300 m	
Remarks:				Location Method: p5	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932438839			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
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:		932438840			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		26.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438842			
Layer:		4			
Color:					
General Color:					
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		41			
Mat2 Desc:		GNEISS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		39.0			
Formation End Depth:		202.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438841			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26.0			
Formation End Depth:		39.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903256			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969608			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Construction Record - Casing</u>					
Casing ID:		930685516			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		39.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685517			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		202.0			
Casing Diameter:		3.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903256			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:					
Recommended Pump Depth:		60.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		7.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934847425			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		27.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589886			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.0			

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:		935105559			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		27.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934316017			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903921			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		182.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933903920			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		26.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421038			Tag No:	
Depth M:	61.5696			Contractor:	1406
Year Completed:	1974			Latitude:	46.4920681183673
Well Completed Dt:	08/17/1974			Longitude:	-80.5395059063608
Audit No:				Y:	46.49206812169476
Path:	590\5903256.pdf			X:	-80.53950574674538
26	1 of 1	N/0.0	224.0 / 6.98	lot 12 con 4 ON	WWIS
Well ID:	5903179			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/07/1974
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	04

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903179.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/09/1973			
Year Completed:		1973			
Depth (m):		26.5176			
Latitude:		46.495229630927			
Longitude:		-80.5424112565689			
Path:		590\5903179.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10420962		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				535114.70	
Cluster Kind:				North83:	
Date Completed:		04/09/1973		5149175.00	
Remarks:				Org CS:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		UTMRC:	
Elevrc Desc:				5	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 100 m - 300 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p5	
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438657			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		07			
Mat3 Desc:		QUICKSAND			
Formation Top Depth:		3.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438658			
Layer:		3			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		46			
Mat2 Desc:		QUARTZ			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		16.0			
Formation End Depth:		87.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438656			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		77			
Mat2 Desc:		LOOSE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903179			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969532			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685401			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		19.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685402			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		87.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903179			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846963			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935105096			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315555			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589424			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		19.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903852			
Layer:		1			
Kind Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		82.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:	10420962			Tag No:	
Depth M:	26.5176			Contractor:	3614
Year Completed:	1973			Latitude:	46.495229630927
Well Completed Dt:	04/09/1973			Longitude:	-80.5424112565689
Audit No:				Y:	46.49522963500242
Path:	590\5903179.pdf			X:	-80.54241109830612
27	1 of 2	S/0.0	212.1 / -4.95	20 Main St St. Charles ON	SPL
Ref No:	3541-7QEQXY			Municipality No:	
Year:				Nature of Damage:	
Incident Dt:				Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	3/23/2009			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
MOE Response:	No Field Response				
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:	Residence<UNOFFICIAL>				
Site Address:					
Site Region:					
Site Municipality:	St. Charles				
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:	NA				
Easting:	NA				
Incident Cause:	Tank (Above Ground) Leak				
Incident Event:					
Environment Impact:					
Nature of Impact:					
Contaminant Qty:	114 L				
System Facility Address:					
Client Name:					
Client Type:					
Source Type:					
Contaminant Code:					
Contaminant Name:	FURNACE OIL				
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Incident Reason:	Ice/Snow/Rain				
Incident Summary:	TSSA: ~114L oil to ground from pinhole leak				
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:	Other				
SAC Action Class:	Land Spills				
Call Report Locatn Geodata:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
27	2 of 2	S/0.0	212.1 / -4.95	20 MAIN STREET ST. CHARLES ON	HINC
External File Num: FS INC 0903-01509 Fuel Occurrence Type: Leak Date of Occurrence: 3/23/2009 Fuel Type Involved: Fuel Oil Status Desc: Completed - Causal Analysis(End) Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Private Dwelling Service Interruptions: No Property Damage: No Fuel Life Cycle Stage: Utilization Root Cause: Root Cause: Equipment/Material/Component:Yes Procedures:No Maintenance:No Design:No Training:No Management:No Human Factors:No Reported Details: Fuel Category: Liquid Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Sudbury Approx. Quant. Rel: 100 Nearby body of water: No Enter Drainage Syst.: No Approx. Quant. Unit: Liters Environmental Impact: contained around tank,ground is frozen,contained surface of ground.					
28	1 of 1	WSW/0.0	215.6 / -1.37	lot 13 con 3 ON	WWIS
Well ID: 5903511 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: HAGAR TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903511.pdf Additional Detail(s) (Map) Well Completed Date: 10/03/1974 Year Completed: 1974 Depth (m): 55.4736 Latitude: 46.4911903512773 Longitude: -80.5450511956815 Path: 590\5903511.pdf Bore Hole Information					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 01/30/1976 Selected Flag: TRUE Abandonment Rec: Contractor: 3614 Form Version: 1 Owner: County: SUDBURY Lot: 013 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10421275			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534914.70
Code OB Desc:				North83:	5148725.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/03/1974			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932439433				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				
Mat2 Desc:	QUARTZITE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	9.0				
Formation End Depth:	182.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932439432				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	9.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965903511				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
 <u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10969845			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685864			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903511			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934327264			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934590424			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934847544			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		18.0			
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:		935106100			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904127			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		174.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421275			Tag No:	
Depth M:	55.4736			Contractor:	3614
Year Completed:	1974			Latitude:	46.4911903512773
Well Completed Dt:	10/03/1974			Longitude:	-80.5450511956815
Audit No:				Y:	46.491190354560764
Path:	590\5903511.pdf			X:	-80.54505103719703
29	1 of 1	SE/0.0	217.0 / -0.03	MARKSTAY-WARREN, MUNICIPALITY OF 6 Millichamp Street Markstay-Warren ON P0M 2G0	GEN
Generator No:	ON7537890				
SIC Code:	913910				
SIC Description:	913910				
Approval Years:	2016				
PO Box No:					
Country:	Canada				
Status:					
Co Admin:					
Choice of Contact:	CO_OFFICIAL				
Phone No Admin:					
Contaminated Facility:	No				
MHSW Facility:	No				
<u>Detail(s)</u>					
Waste Class:	150				
Waste Class Name:	INERT INORGANIC WASTES				
30	1 of 1	SSW/0.0	211.3 / -5.69	Markstay Municipal Property Markstay ON	EHS
Order No:	23112300096			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	28-NOV-23			Search Radius (km):	.25
Date Received:	23-NOV-23			X:	-80.54341014
Previous Site Name:				Y:	46.49042418
Lot/Building Size:					
Additional Info Ordered:	Aerial Photos				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
31	1 of 1	SSW/0.0	211.3 / -5.69	lot 12 con 3 ON	WWIS
Well ID: 5904414 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: HAGAR TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 01/09/1981 Selected Flag: TRUE Abandonment Rec: Contractor: 2612 Form Version: 1 Owner: County: SUDBURY Lot: 012 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904414.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/29/1980			
Year Completed:		1980			
Depth (m):		32.004			
Latitude:		46.4902826323407			
Longitude:		-80.5431042507136			
Path:		590\5904414.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10422160		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 535064.70	
Code OB Desc:				North83: 5148625.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 5	
Date Completed:		10/29/1980		UTMRC Desc: margin of error : 100 m - 300 m	
Remarks:				Location Method: p5	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932441687			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932441688			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		105.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965904414			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10970730			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930687374			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		40.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930687375			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		105.0			
Casing Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995904414			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:					
Recommended Pump Depth:		40.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934592141			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		6.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934840910			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		6.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935107832			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		6.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934325803			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933905024			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		101.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:	10422160			Tag No:	
Depth M:	32.004			Contractor:	2612
Year Completed:	1980			Latitude:	46.4902826323407
Well Completed Dt:	10/29/1980			Longitude:	-80.5431042507136
Audit No:				Y:	46.49028263585254
Path:	590\5904414.pdf			X:	-80.54310409226562

32	1 of 1	SW/0.0	211.9 / -5.07	lot 13 con 3 ON	WWIS
Well ID:	5902563			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/06/1971
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902563.pdf				

Additional Detail(s) (Map)

Well Completed Date: 03/20/1971
 Year Completed: 1971
 Depth (m): 60.96
 Latitude: 46.4905572891651
 Longitude: -80.5442746648888
 Path: 590\5902563.pdf

Bore Hole Information

Bore Hole ID: 10420361
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 03/20/1971
 Remarks:
 Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:

Elevation:
 Elevrc:
 Zone: 17
 East83: 534974.70
 North83: 5148655.00
 Org CS:
 UTMRC: 4
 UTMRC Desc: margin of error : 30 m - 100 m
 Location Method: p4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437083			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		62.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437084			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		62.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965902563			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968931			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684436			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		72.0			
Casing Diameter:		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684437			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902563			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		72.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		5			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588187			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		72.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845308			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		72.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322667			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		72.0			
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:		935111651			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		72.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903249			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933903250			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		200.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10420361		Tag No:	
Depth M:		60.96		Contractor:	
Year Completed:		1971		3614	
Well Completed Dt:		03/20/1971		Latitude:	
Audit No:				46.4905572891651	
Path:		590\5902563.pdf		Longitude:	
				-80.5442746648888	
				Y:	
				46.49055729268348	
				X:	
				-80.5442745059396	

33	1 of 1	W/0.0	219.0 / 1.97	lot 13 con 3 ON	WWIS
Well ID:	5902854				
Construction Date:					
Use 1st:	Domestic				
Use 2nd:	0				
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902854.pdf				
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		05/08/1972			
Year Completed:		1972			
Depth (m):		61.8744			
Latitude:		46.492725404841			
Longitude:		-80.5463414627766			
Path:		590\5902854.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10420652			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534814.70
Code OB Desc:				North83:	5148895.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	05/08/1972			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932437859				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				
Mat2 Desc:	QUARTZITE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	203.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965902854				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10969222				
Casing No:	1				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	930684899				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		2.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930684900			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		203.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902854			
Pump Set At:					
Static Level:		22.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935104437			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934314897			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		22.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846305			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		24.0			

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:		934588767			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		23.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903545			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		198.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420652			Tag No:	
Depth M:	61.8744			Contractor:	3614
Year Completed:	1972			Latitude:	46.492725404841
Well Completed Dt:	05/08/1972			Longitude:	-80.5463414627766
Audit No:				Y:	46.49272540861258
Path:	590\5902854.pdf			X:	-80.54634130392016

34	1 of 1	N/O.0	226.3 / 9.28	lot 13 con 4 ON	WWIS
Well ID:	5903006			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1973
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903006.pdf				

Additional Detail(s) (Map)

Well Completed Date: 07/03/1972
 Year Completed: 1972
 Depth (m): 36.576
 Latitude: 46.4955896018737
 Longitude: -80.5424082371297

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		590\5903006.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10420803			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535114.70
Code OB Desc:				North83:	5149215.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	07/03/1972			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932438255				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				
Mat2 Desc:	QUARTZITE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	20.0				
Formation End Depth:	120.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932438254				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	07				
Mat2 Desc:	QUICKSAND				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	20.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965903006				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10969373			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685136			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		120.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685135			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903006			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		18.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588873			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.0			
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: 935104543					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 18.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934315003					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 14.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934846411					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 18.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933903696					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 114.0					
Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10420803		Tag No:			
Depth M: 36.576		Contractor: 3614			
Year Completed: 1972		Latitude: 46.4955896018737			
Well Completed Dt: 07/03/1972		Longitude: -80.5424082371297			
Audit No:		Y: 46.4955896054981			
Path: 590\5903006.pdf		X: -80.54240807813197			

35	1 of 1	SW/0.0	211.3 / -5.67	lot 13 con 3 ON	WWIS
Well ID: 5901137					
Construction Date:					
Use 1st: Domestic					
Use 2nd: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 11/22/1966					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3614					
Form Version: 1					
Owner:					
County: SUDBURY					
Lot: 013					
Concession: 03					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901137.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/11/1966			
Year Completed:		1966			
Depth (m):		67.3608			
Latitude:		46.4905128118204			
Longitude:		-80.5444053378414			
Path:		590\5901137.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10418942		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				534964.70	
Cluster Kind:				North83:	
Date Completed:		08/11/1966		5148650.00	
Remarks:				Org CS:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		UTMRC:	
Elevrc Desc:				5	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 100 m - 300 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p5	
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432643			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432645			
Layer:		3			
Color:					
General Color:					
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:		13			
Mat2 Desc:		BOULDERS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		70.0			
Formation End Depth:		85.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432644			
Layer:		2			
Color:					
General Color:					
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432646			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		85.0			
Formation End Depth:		221.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965901137			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967512			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682227			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		221.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930682226			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		87.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901137			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933901869			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		215.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10418942			Tag No:	
Depth M:	67.3608			Contractor:	3614
Year Completed:	1966			Latitude:	46.4905128118204
Well Completed Dt:	08/11/1966			Longitude:	-80.5444053378414
Audit No:				Y:	46.4905128156453
Path:	590\5901137.pdf			X:	-80.54440517933463

36	1 of 1	SSW/0.0	211.3 / -5.69	lot 13 con 3 ON	WWIS
Well ID:	5901167			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Livestock			Data Entry Status:	

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:		932432715			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432714			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901167			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967542			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682279			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		42.0			
Casing Diameter:		2.0			
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:		930682280			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		175.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901167			
Pump Set At:					
Static Level:		19.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		45.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901901			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		164.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10418972		Tag No:	
Depth M:		53.34		Contractor:	3614
Year Completed:		1966		Latitude:	46.4902852328847
Well Completed Dt:		07/27/1966		Longitude:	-80.5437557335261
Audit No:				Y:	46.49028523655148
Path:		590\5901167.pdf		X:	-80.54375557544982

37	1 of 1	SSE/0.0	216.6 / -0.36	lot 10 con 3 ON	WWIS
Well ID:	5901980			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/12/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Contractor:	1218
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	010
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901980.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/11/1968			
Year Completed:		1968			
Depth (m):		12.8016			
Latitude:		46.4902742856651			
Longitude:		-80.5410195063207			
Path:		590\5901980.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10419784		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535224.70
Code OB Desc:				North83:	5148625.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		05/11/1968		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932435410			
Layer:		1			
Color:					
General Color:					
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		965901980			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968354			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930683523			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		42.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930683522			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		2.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901980			
Pump Set At:					
Static Level:		3.0			
Final Level After Pumping:		10.0			
Recommended Pump Depth:		22.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933902644			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		39.0			
Water Found Depth UOM:		ft			

Links

Bore Hole ID:	10419784	Tag No:	
Depth M:	12.8016	Contractor:	1218
Year Completed:	1968	Latitude:	46.4902742856651
Well Completed Dt:	05/11/1968	Longitude:	-80.5410195063207
Audit No:		Y:	46.4902742894947
Path:	590\5901980.pdf	X:	-80.54101934751345

38	1 of 1	SE/0.0	219.0 / 1.97	lot 10 con 3 ON	WWIS
Well ID:	5904483	Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:	Domestic	Data Entry Status:			
Use 2nd:	0	Data Src:	1		
Final Well Status:	Water Supply	Date Received:	09/22/1981		
Water Type:		Selected Flag:	TRUE		
Casing Material:		Abandonment Rec:			
Audit No:		Contractor:	3652		
Tag:		Form Version:	1		
Constructn Method:		Owner:			
Elevation (m):		County:	SUDBURY		
Elevatn Reliabilty:		Lot:	010		
Depth to Bedrock:		Concession:	03		
Well Depth:		Concession Name:	CON		
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904483.pdf				

Additional Detail(s) (Map)

Well Completed Date: 07/24/1981
 Year Completed: 1981
 Depth (m): 46.0248
 Latitude: 46.4907195378729
 Longitude: -80.5398430432047
 Path: 590\5904483.pdf

Bore Hole Information

Bore Hole ID:	10422221	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535314.70
Code OB Desc:		North83:	5148675.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	07/24/1981	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		932441869			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		12			
Most Common Material:		STONES			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		124.0			
Formation End Depth:		151.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932441868			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		12			
Most Common Material:		STONES			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		104.0			
Formation End Depth:		124.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932441867			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		12			
Most Common Material:		STONES			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		104.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		932441866			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	3.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well Use</u>					
Method Construction ID:	965904483				
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10970791				
Casing No:	1				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	930687479				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	10.0				
Casing Diameter:	2.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Construction Record - Casing</u>					
Casing ID:	930687480				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	151.0				
Casing Diameter:					
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995904483				
Pump Set At:					
Static Level:	5.0				
Final Level After Pumping:	12.0				
Recommended Pump Depth:	35.0				
Pumping Rate:	2.0				
Flowing Rate:					
Recommended Pump Rate:	2.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		10			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933905087			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10422221			Tag No:	
Depth M:	46.0248			Contractor:	3652
Year Completed:	1981			Latitude:	46.4907195378729
Well Completed Dt:	07/24/1981			Longitude:	-80.5398430432047
Audit No:				Y:	46.49071954198098
Path:	590\5904483.pdf			X:	-80.53984288450813

39	1 of 1	NNE/0.0	226.4 / 9.45	lot 12 con 4 ON	WWIS
Well ID:		5904701		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	01/20/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	5210
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904701.pdf

Additional Detail(s) (Map)

Well Completed Date: 09/05/1982
Year Completed: 1982
Depth (m): 19.812
Latitude: 46.4956769861528
Longitude: -80.541755935154
Path: 590\5904701.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10422434			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535164.70
Code OB Desc:				North83:	5149225.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	09/05/1982			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932442411				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	25.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932442412				
Layer:	2				
Color:					
General Color:					
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	25.0				
Formation End Depth:	65.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965904701				
Method Construction Code:	4				
Method Construction:	Rotary (Air)				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10971004			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930687843			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930687844			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995904701			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		65.0			
Recommended Pump Depth:		55.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		8.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		15			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935108428			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		65.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934326396			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934841489			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934592722			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933905303			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10422434			Tag No:	
Depth M:	19.812			Contractor:	5210
Year Completed:	1982			Latitude:	46.4956769861528
Well Completed Dt:	09/05/1982			Longitude:	-80.541755935154
Audit No:				Y:	46.4956769897332
Path:	590\5904701.pdf			X:	-80.54175577567476
40	1 of 1	SW/0.0	211.3 / -5.67	lot 13 con 3 ON	WWIS
Well ID:	5902870			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/03/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1563
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					

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/590\5902870.pdf			
Additional Detail(s) (Map)					
Well Completed Date:	06/10/1972				
Year Completed:	1972				
Depth (m):	22.86				
Latitude:	46.4903778225601				
Longitude:	-80.5444064649965				
Path:	590\5902870.pdf				
Bore Hole Information					
Bore Hole ID:	10420668	Elevation:			
DP2BR:		Elevrc:			
Spatial Status:		Zone:		17	
Code OB:		East83:		534964.70	
Code OB Desc:		North83:		5148635.00	
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:		4	
Date Completed:	06/10/1972	UTMRC Desc:		margin of error : 30 m - 100 m	
Remarks:		Location Method:		p4	
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock Materials Interval					
Formation ID:	932437895				
Layer:	2				
Color:	7				
General Color:	RED				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	45.0				
Formation End Depth:	75.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock Materials Interval					
Formation ID:	932437894				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965902870			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10969238			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930684924			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930684923			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		47.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902870			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
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:		935104450			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934314910			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588780			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846318			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903562			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		69.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420668			Tag No:	
Depth M:	22.86			Contractor:	1563
Year Completed:	1972			Latitude:	46.4903778225601
Well Completed Dt:	06/10/1972			Longitude:	-80.5444064649965
Audit No:				Y:	46.4903778269883
Path:	590\5902870.pdf			X:	-80.54440630583629
41	1 of 1	ENE/0.0	228.9 / 11.94	lot 12 con 4 ON	WWIS
Well ID:	5902560			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/06/1971
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902560.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/08/1971			
Year Completed:		1971			
Depth (m):		47.244			
Latitude:		46.4938640342614			
Longitude:		-80.5385134266319			
Path:		590\5902560.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10420358		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535414.70
Code OB Desc:				North83:	5149025.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		04/08/1971		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437077			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932437078			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		155.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902560			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968928			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684430			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684431			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		155.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902560			
Pump Set At:					
Static Level:		0.0			
Final Level After Pumping:		15.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		15			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935111648			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845305			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		15.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322664			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588184			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933903245			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		146.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10420358			Tag No:	
Depth M:	47.244			Contractor:	3614
Year Completed:	1971			Latitude:	46.4938640342614
Well Completed Dt:	04/08/1971			Longitude:	-80.5385134266319
Audit No:				Y:	46.49386403761454

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:	590\5902560.pdf			X:	-80.53851326838499
42	1 of 1	WSW/0.0	220.2 / 3.17	lot 13 con 3 ON	WWIS
Well ID:	5901161			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/24/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	9999
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901161.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	02/29/1964				
Year Completed:	1964				
Depth (m):	41.148				
Latitude:	46.491194751208				
Longitude:	-80.5461587352407				
Path:	590\5901161.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10418966			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534829.70
Code OB Desc:				North83:	5148725.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	02/29/1964			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932432700				
Layer:	1				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432701			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		135.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901161			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967536			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682268			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		135.0			
Casing Diameter:		1.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682267			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		5.0			
Casing Diameter:		1.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901161			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		4.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		96			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901895			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418966			Tag No:	
Depth M:	41.148			Contractor:	9999
Year Completed:	1964			Latitude:	46.491194751208
Well Completed Dt:	02/29/1964			Longitude:	-80.5461587352407
Audit No:				Y:	46.49119475495679
Path:	590\5901161.pdf			X:	-80.5461585760375

43	1 of 1	N/O.0	227.6 / 10.60	lot 13 con 4 ON	WWIS
Well ID:	5902788			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:			HAGAR TOWNSHIP	Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902788.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		11/27/1971			
Year Completed:		1971			
Depth (m):		50.9016			
Latitude:		46.496039565525			
Longitude:		-80.5424044627494			
Path:		590\5902788.pdf			
Bore Hole Information					
Bore Hole ID:		10420586		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		11/27/1971		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		932437654			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
Overburden and Bedrock					
Materials Interval					
Formation ID:		932437653			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		1.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437655			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:		09			
Mat3 Desc:		MEDIUM SAND			
Formation Top Depth:		4.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437656			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		167.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902788			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969156			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684801			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		19.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930684802			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		167.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902788			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		29.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		20			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588317			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845855			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		27.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323215			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
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:		935112199			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		29.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903483			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		162.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420586			Tag No:	
Depth M:	50.9016			Contractor:	3614
Year Completed:	1971			Latitude:	46.496039565525
Well Completed Dt:	11/27/1971			Longitude:	-80.5424044627494
Audit No:				Y:	46.49603956944116
Path:	590\5902788.pdf			X:	-80.54240430426181

44	1 of 1	WSW/0.0	220.2 / 3.17	lot 12 con 3 ON	WWIS
Well ID:	5904772			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/26/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3652
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904772.pdf				

Additional Detail(s) (Map)

Well Completed Date: 04/30/1983
 Year Completed: 1983
 Depth (m): 47.5488
 Latitude: 46.4911955265531
 Longitude: -80.5463541834252
 Path: 590\5904772.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10422504			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534814.70
Code OB Desc:				North83:	5148725.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	04/30/1983			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932442576				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	12				
Most Common Material:	STONES				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	2.0				
Formation End Depth:	156.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932442575				
Layer:	1				
Color:					
General Color:					
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	2.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965904772				
Method Construction Code:	2				
Method Construction:	Rotary (Convent.)				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10971074			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930687969			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930687970			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		156.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995904772			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		15.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933905375			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		153.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10422504			Tag No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth M:	47.5488			Contractor:	3652
Year Completed:	1983			Latitude:	46.4911955265531
Well Completed Dt:	04/30/1983			Longitude:	-80.5463541834252
Audit No:				Y:	46.49119553051497
Path:	590\5904772.pdf			X:	-80.54635402422669

45	1 of 1	N/0.0	228.9 / 11.85	lot 13 con 4 ON	WWIS
Well ID:	5902853			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/03/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902853.pdf				

Additional Detail(s) (Map)

Well Completed Date: 04/25/1972
 Year Completed: 1972
 Depth (m): 27.432
 Latitude: 46.4961295582509
 Longitude: -80.5424037078625
 Path: 590\5902853.pdf

Bore Hole Information

Bore Hole ID:	10420651	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535114.70
Code OB Desc:		North83:	5149275.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	04/25/1972	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932437857			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		07			
Mat3 Desc:		QUICKSAND			
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437858			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		90.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965902853			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969221			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684898			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		90.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684897			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902853			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935104436			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		26.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934314896			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846304			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588766			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		24.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933903544			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		84.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420651			Tag No:	
Depth M:	27.432			Contractor:	3614
Year Completed:	1972			Latitude:	46.4961295582509
Well Completed Dt:	04/25/1972			Longitude:	-80.5424037078625
Audit No:				Y:	46.496129561411934
Path:	590\5902853.pdf			X:	-80.54240354876912
46	1 of 1	S/0.0	210.0 / -7.03	lot 13 con 3 ON	WWIS
Well ID:	5902449			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/26/1970
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902449.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	09/11/1970				
Year Completed:	1970				
Depth (m):	34.1376				
Latitude:	46.489560085494				
Longitude:	-80.5424588051056				
Path:	590\5902449.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10420250			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535114.70
Code OB Desc:				North83:	5148545.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	09/11/1970			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932436697			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932436698			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932436700			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		111.0			
Formation End Depth:		112.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		932436699			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		111.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902449			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968820			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684278			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		112.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902449			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		18.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
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:		934587706			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935111590			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845247			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934322606			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		14.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903145			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		112.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420250			Tag No:	
Depth M:	34.1376			Contractor:	3614
Year Completed:	1970			Latitude:	46.489560085494
Well Completed Dt:	09/11/1970			Longitude:	-80.5424588051056
Audit No:				Y:	46.48956008890284
Path:	590\5902449.pdf			X:	-80.54245864583638
47	1 of 1	WSW/0.0	220.7 / 3.66	lot 13 con 3 ON	WWIS
Well ID:	5903018			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1973
Water Type:				Selected Flag:	TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:			Abandonment Rec:		
Audit No:			Contractor: 3614		
Tag:			Form Version: 1		
Constructn Method:			Owner:		
Elevation (m):			County: SUDBURY		
Elevatn Reliabilty:			Lot: 013		
Depth to Bedrock:			Concession: 03		
Well Depth:			Concession Name: CON		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903018.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/10/1972			
Year Completed:		1972			
Depth (m):		30.1752			
Latitude:		46.491198108625			
Longitude:		-80.5470056774315			
Path:		590\5903018.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10420815		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 534764.70	
Code OB Desc:				North83: 5148725.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 4	
Date Completed:		07/10/1972		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: p4	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932438279			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		99.0			
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:		932438278			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903018			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969385			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685158			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		99.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685157			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		6.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903018			
Pump Set At:					
Static Level:		19.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping:		28.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846423			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		28.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589303			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		26.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935104555			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		28.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315433			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933903708			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		92.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10420815			Tag No:	
Depth M:	30.1752			Contractor:	3614
Year Completed:	1972			Latitude:	46.491198108625
Well Completed Dt:	07/10/1972			Longitude:	-80.5470056774315

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No: Path:	590\5903018.pdf			Y: X:	46.49119811261648 -80.54700551819069
48	1 of 3	S/0.0	210.0 / -7.00	MARKSTAY GARAGE 27 MAIN ST S MARKSTAY ON	EXP
Inventory No: Inventory Status: Installation Year: Capacity: Capacity Unit: Tank Type: Manufacturer: Model: Description: Previous Fuel Type:	11168844 EXPIRED 1986 15000 Diesel			Tank Material: Corrosion Protect: Overfill Protection: Inventory Context: Inventory Item:	Steel Sacrificial anode FS Liquid Fuel Tank FS LIQUID FUEL TANK
48	2 of 3	S/0.0	210.0 / -7.00	MARKSTAY GARAGE 27 MAIN ST S MARKSTAY ON	EXP
Inventory No: Inventory Status: Installation Year: Capacity: Capacity Unit: Tank Type: Manufacturer: Model: Description: Previous Fuel Type:	10842770 EXPIRED 1986 15000 Gasoline			Tank Material: Corrosion Protect: Overfill Protection: Inventory Context: Inventory Item:	Steel Sacrificial anode FS Liquid Fuel Tank FS LIQUID FUEL TANK
48	3 of 3	S/0.0	210.0 / -7.00	MARKSTAY GARAGE 27 MAIN ST S MARKSTAY ON	EXP
Inventory No: Inventory Status: Installation Year: Capacity: Capacity Unit: Tank Type: Manufacturer: Model: Description: Previous Fuel Type:	11168814 EXPIRED 1986 15000 Gasoline			Tank Material: Corrosion Protect: Overfill Protection: Inventory Context: Inventory Item:	Steel Sacrificial anode FS Liquid Fuel Tank FS LIQUID FUEL TANK
49	1 of 1	SSW/0.0	210.0 / -6.97	lot 13 con 3 ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No:	5901170 Domestic 0 Water Supply 			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	 1 03/29/1968 TRUE 3614

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:			Form Version:	1	
Constructn Method:			Owner:		
Elevation (m):			County:	SUDBURY	
Elevatn Reliabilty:			Lot:	013	
Depth to Bedrock:			Concession:	03	
Well Depth:			Concession Name:	CON	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:					
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901170.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			03/16/1968		
Year Completed:			1968		
Depth (m):			47.8536		
Latitude:			46.4866855183567		
Longitude:			-80.5437858308377		
Path:			590\5901170.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10418975		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone:		
Code OB Desc:			17		
Open Hole:			East83:		
Cluster Kind:			535014.70		
Date Completed:			North83:		
03/16/1968			5148225.00		
Remarks:			Org CS:		
Loc Method Desc:			UTMRC:		
Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			5		
Elevrc Desc:			UTMRC Desc:		
Location Source Date:			margin of error : 100 m - 300 m		
Improvement Location Source:			Location Method:		
Improvement Location Method:			p5		
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932432721		
Layer:			1		
Color:			5		
General Color:			YELLOW		
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0.0		
Formation End Depth:			4.0		
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:		932432722			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		157.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901170			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967545			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682285			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682286			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		157.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901170			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		35.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate: 3.0 Flowing Rate: Recommended Pump Rate: 3.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 8 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933901904 Layer: 1 Kind Code: 5 Kind: Not stated Water Found Depth: 125.0 Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933901905 Layer: 2 Kind Code: 1 Kind: FRESH Water Found Depth: 149.0 Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10418975 Depth M: 47.8536 Year Completed: 1968 Well Completed Dt: 03/16/1968 Audit No: Path: 590\5901170.pdf					
Tag No: Contractor: 3614 Latitude: 46.4866855183567 Longitude: -80.5437858308377 Y: 46.48668552167834 X: -80.54378567208808					
50	1 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No: ON2652500 SIC Code: 8371 SIC Description: TRANSPORTATION ADMIN. Approval Years: 01,03,04,05,06,07,08 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 252 Waste Class Name: WASTE OILS & LUBRICANTS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
50	2 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON	GEN
Generator No:		ON2652500			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
Approval Years:		2009			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
50	3 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON	GEN
Generator No:		ON2652500			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
Approval Years:		2010			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
50	4 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON	GEN
Generator No:		ON2652500			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
50	5 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No:		ON2652500			
SIC Code:		913910			
SIC Description:		Other Local Municipal and Regional Public Administration			
Approval Years:		2012			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
50	6 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON	GEN
Generator No:		ON2652500			
SIC Code:		913910			
SIC Description:					
Approval Years:		2013			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Name:		WASTE OILS & LUBRICANTS			
50	7 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No:		ON2652500			
SIC Code:		913910			
SIC Description:		913910			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		CO_OFFICIAL No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
50	8 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2652500 913910 913910 2015 Canada CO_OFFICIAL No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
50	9 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2652500 913910 913910 2014 Canada CO_OFFICIAL No No			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 WASTE OILS & LUBRICANTS			
50	10 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No: SIC Code: SIC Description:		ON2652500			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		As of Dec 2018 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
50	11 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2652500 As of Jul 2020 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
50	12 of 12	SSW/0.1	219.9 / 2.92	MARKSTAY-WARREN, MUNICIPALITY OF 48 MAIN STREET NORTH MARKSTAY-WARREN ON P0M 2G0	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2652500 As of Nov 2021 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		252 L Waste crankcase oils and lubricants			
51	1 of 1	SSW/0.0	241.1 / 24.08	lot 13 con 3	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
ON					
Well ID:	5902999			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1973
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902999.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/23/1972				
Year Completed:	1972				
Depth (m):	31.0896				
Latitude:	46.4821036561679				
Longitude:	-80.5457783522703				
Path:	590\5902999.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10420796			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534864.70
Code OB Desc:				North83:	5147715.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	05/23/1972			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932438241				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		102.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438240			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965902999			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10969366			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930685128			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930685129			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		102.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902999			
Pump Set At:					
Static Level:		22.0			
Final Level After Pumping:		24.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588869			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		23.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846407			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		24.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935104539			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		24.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934314999			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903692			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		94.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Links					
Bore Hole ID:	10420796			Tag No:	
Depth M:	31.0896			Contractor:	3614
Year Completed:	1972			Latitude:	46.4821036561679
Well Completed Dt:	05/23/1972			Longitude:	-80.5457783522703
Audit No:				Y:	46.48210365991871
Path:	590\5902999.pdf			X:	-80.54577819272859
52	1 of 2	S/4.1	210.0 / -7.03	MARKSTAY GARAGE 27 MAIN ST S MARKSTAY ON	PRT
Location ID:	8548				
Type:	retail				
Expiry Date:	1994-09-30				
Capacity (L):	8975				
Licence #:	0076403161				
52	2 of 2	S/4.1	210.0 / -7.03	MARKSTAY GARAGE 27 MAIN ST S MARKSTAY ON	DTNK
Delisted Expired Fuel Safety Facilities					
Instance No:	9749548			Expired Date:	
Status:	EXPIRED			Max Hazard Rank:	
Instance ID:	394373			Facility Location:	
Instance Type:	FS Facility			Facility Type:	
Instance Creation Dt:				Fuel Type 2:	
Instance Install Dt:				Fuel Type 3:	
Item Description:				Panam Related:	
Manufacturer:				Panam Venue Nm:	
Model:				External Identifier:	
Serial No:				Item:	
ULC Standard:				Piping Steel:	
Quantity:				Piping Galvanized:	
Unit of Measure:				Tank Single Wall St:	
Overfill Prot Type:				Piping Underground:	
Creation Date:				Tank Underground:	
Next Periodic Str DT:				Source:	
TSSA Base Sched Cycle 2:					
TSSAMax Hazard Rank 1:					
TSSA Risk Based Periodic Yn:					
TSSA Volume of Directives:					
TSSA Periodic Exempt:					
TSSA Statutory Interval:					
TSSA Recd Insp Interva:					
TSSA Recd Tolerance:					
TSSA Program Area:					
TSSA Program Area 2:					
Description:	FS Gasoline Station - Full Serve				
Original Source:	EXP				
Record Date:	Up to Mar 2012				
53	1 of 1	W/5.5	212.7 / -4.32	10 PIONEER STREET WEST MARKSTAY ON	HINC

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
External File Num: FS INC 0710-05883 Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Completed - No Action Required Job Type Desc: Incident/Near-Miss Occurrence (FS) Oper. Type Involved: Service Interruptions: Property Damage: Fuel Life Cycle Stage: Root Cause: Reported Details: Fuel Category: Gaseous Fuel Occurrence Type: Incident Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) County Name: Sudbury Approx. Quant. Rel: Nearby body of water: Enter Drainage Syst.: Approx. Quant. Unit: Environmental Impact:					
54	1 of 1	SSW/6.2	236.0 / 19.00	Hydro One Networks Inc. 51 Main Street N Markstay-Warren ON	SPL
Ref No: 2774-5Q4KVY Year: Incident Dt: 8/4/2003 Dt MOE Arvl on Scn: MOE Reported Dt: 8/4/2003 Dt Document Closed: Site No: MOE Response: Site County/District: Site Geo Ref Meth: Site District Office: Sudbury Nearest Watercourse: Site Name: 51 MAIN STREET, MARKSTAY Site Address: Site Region: Northern Site Municipality: Markstay-Warren Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: NA Easting: NA Incident Cause: Incident Event: Environment Impact: Possible Nature of Impact: Soil Contamination Contaminant Qty: 20 L System Facility Address: Client Name: Hydro One Networks Inc. Client Type: Source Type: Contaminant Code: 15 Contaminant Name: TRANSFORMER OIL (N.O.S.) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Land Incident Reason:					
Municipality No: Nature of Damage: Discharger Report: Material Group: Oil Health/Env Conseq: Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Summary:		Hydro One:20L non-pcb oil to grd, cleaning			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:					
SAC Action Class:					
Call Report Locatn Geodata:					
55	1 of 1	NNE/11.3	229.7 / 12.65	lot 12 con 4 ON	WWIS
Well ID:		5901173		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				07/13/1965	
Audit No:				Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				Contractor:	
Elevatn Reliabilty:				3614	
Depth to Bedrock:				Form Version:	
Well Depth:				1	
Overburden/Bedrock:				Owner:	
Pump Rate:				County:	
Static Water Level:				SUDBURY	
Clear/Cloudy:				Lot:	
Municipality:		HAGAR TOWNSHIP		012	
Site Info:				Concession:	
				04	
				Concession Name:	
				CON	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901173.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/28/1965			
Year Completed:		1965			
Depth (m):		28.3464			
Latitude:		46.4964403573616			
Longitude:		-80.5413585757856			
Path:		590\5901173.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10418978		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				17	
Code OB Desc:				East83:	
Open Hole:				535194.70	
Cluster Kind:				North83:	
Date Completed:		04/28/1965		5149310.00	
Remarks:				Org CS:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		UTMRC:	
Elevrc Desc:				5	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 100 m - 300 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p5	
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432728			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		93.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432727			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901173			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967548			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682292			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		93.0			
Casing Diameter:		2.0			
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:		930682291			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901173			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		45.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		24			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901908			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418978			Tag No:	
Depth M:	28.3464			Contractor:	3614
Year Completed:	1965			Latitude:	46.4964403573616
Well Completed Dt:	04/28/1965			Longitude:	-80.5413585757856
Audit No:				Y:	46.49644036066763
Path:	590\5901173.pdf			X:	-80.54135841673518
56	1 of 1	S/19.0	206.1 / -10.89	lot 13 con 3 ON	WWIS
Well ID:	5901163			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/02/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4402
Tag:				Form Version:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method:			Owner:		
Elevation (m):			County: SUDBURY		
Elevatn Reliabilty:			Lot: 013		
Depth to Bedrock:			Concession: 03		
Well Depth:			Concession Name: CON		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:			HAGAR TOWNSHIP		
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901163.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			10/12/1964		
Year Completed:			1964		
Depth (m):			10.9728		
Latitude:			46.4871318413957		
Longitude:			-80.5428700457195		
Path:			590\5901163.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10418968		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone: 17		
Code OB Desc:			East83: 535084.70		
Open Hole:			North83: 5148275.00		
Cluster Kind:			Org CS:		
Date Completed:			UTMRC: 5		
Remarks:			UTMRC Desc: margin of error : 100 m - 300 m		
Loc Method Desc:			Location Method: p5		
Elevrc Desc:			Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932432706		
Layer:			2		
Color:					
General Color:					
Mat1:			21		
Most Common Material:			GRANITE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			5.0		
Formation End Depth:			36.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932432705			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901163			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967538			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682272			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		36.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682271			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		5.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901163			
Pump Set At:					
Static Level:		3.0			
Final Level After Pumping:		9.0			
Recommended Pump Depth:		5.0			
Pumping Rate:		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate: Recommended Pump Rate: 2.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 8 Pumping Duration MIN: 0 Flowing: No					
Water Details					
Water ID: 933901897 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 26.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10418968 Depth M: 10.9728 Year Completed: 1964 Well Completed Dt: 10/12/1964 Audit No: Path: 590\5901163.pdf					
Tag No: Contractor: 4402 Latitude: 46.4871318413957 Longitude: -80.5428700457195 Y: 46.48713184450089 X: -80.54286988751666					
57	1 of 1	SSW/23.0	211.6 / -5.42	lot 13 con 3 ON	WWIS
Well ID: 5901169 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: HAGAR TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 02/02/1968 Selected Flag: TRUE Abandonment Rec: Contractor: 3614 Form Version: 1 Owner: County: SUDBURY Lot: 013 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901169.pdf					
Additional Detail(s) (Map)					
Well Completed Date: 12/20/1967 Year Completed: 1967 Depth (m): 34.7472 Latitude: 46.4865081290628 Longitude: -80.5444387733329					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		590\5901169.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10418974			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534964.70
Code OB Desc:				North83:	5148205.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/20/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932432719				
Layer:	1				
Color:	5				
General Color:	YELLOW				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	1.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932432720				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	1.0				
Formation End Depth:	114.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965901169				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10967544			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682283			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		3.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682284			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		114.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901169			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901903			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		107.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Links</u>					
Bore Hole ID:	10418974			Tag No:	
Depth M:	34.7472			Contractor:	3614
Year Completed:	1967			Latitude:	46.4865081290628
Well Completed Dt:	12/20/1967			Longitude:	-80.5444387733329
Audit No:				Y:	46.48650813257097
Path:	590\5901169.pdf			X:	-80.5444386141554

58	1 of 1	WNW/35.9	213.3 / -3.69	lot 13 con 4 ON	WWIS
Well ID:	5901159			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/04/1959
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3014
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901159.pdf				

Additional Detail(s) (Map)

Well Completed Date: 06/18/1959
 Year Completed: 1959
 Depth (m): 21.336
 Latitude: 46.4943465671593
 Longitude: -80.5466537585226
 Path: 590\5901159.pdf

Bore Hole Information

Bore Hole ID: 10418964
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 06/18/1959
 Remarks:
 Loc Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation:
 Elevrc:
 Zone: 17
 East83: 534789.70
 North83: 5149075.00
 Org CS:
 UTMRC: 5
 UTMRC Desc: margin of error : 100 m - 300 m
 Location Method: p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432696			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432697			
Layer:		2			
Color:		8			
General Color:		BLACK			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901159			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967534			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682263			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		14.0			
Casing Diameter:		2.0			
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:		930682264			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		70.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901159			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901893			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		61.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418964			Tag No:	
Depth M:	21.336			Contractor:	3014
Year Completed:	1959			Latitude:	46.4943465671593
Well Completed Dt:	06/18/1959			Longitude:	-80.5466537585226
Audit No:				Y:	46.494346570700316
Path:	590\5901159.pdf			X:	-80.54665360025572
<u>59</u>	1 of 1	NNE/42.7	230.0 / 13.00	lot 12 con 4 ON	WWIS
Well ID:	5903180			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/07/1974
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method:			Owner:		
Elevation (m):			County: SUDBURY		
Elevatn Reliabilty:			Lot: 012		
Depth to Bedrock:			Concession: 04		
Well Depth:			Concession Name: CON		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:			HAGAR TOWNSHIP		
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903180.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			03/05/1973		
Year Completed:			1973		
Depth (m):			30.7848		
Latitude:			46.4968005894242		
Longitude:			-80.5414207053171		
Path:			590\5903180.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10420963		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone: 17		
Code OB Desc:			East83: 535189.70		
Open Hole:			North83: 5149350.00		
Cluster Kind:			Org CS:		
Date Completed:			UTMRC: 5		
Remarks:			UTMRC Desc: margin of error : 100 m - 300 m		
Loc Method Desc:			Location Method: p5		
Elevrc Desc:			Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			932438659		
Layer:			1		
Color:			5		
General Color:			YELLOW		
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:			77		
Mat3 Desc:			LOOSE		
Formation Top Depth:			0.0		
Formation End Depth:			4.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932438660			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		46			
Mat2 Desc:		QUARTZ			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		4.0			
Formation End Depth:		101.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903180			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969533			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685403			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930685404			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		101.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903180			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:	2.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	3				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	935105097				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	20.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934589425				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	16.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934315556				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	12.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934846964				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	18.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933903853				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	97.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10420963			Tag No:	
Depth M:	30.7848			Contractor:	3614
Year Completed:	1973			Latitude:	46.4968005894242
Well Completed Dt:	03/05/1973			Longitude:	-80.5414207053171
Audit No:				Y:	46.49680059277281
Path:	590\5903180.pdf			X:	-80.54142054595745

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	1 of 15	SE/43.1	221.0 / 4.00	KAN-TEX MANUFACTURING 7 MILLICHAMP ST MARKSTAY ON P0M 2G0	SCT
Established:		1988			
Plant Size (ft²):		0			
Employment:		8			
--Details--					
Description:		Broad-Woven Fabric Mills			
SIC/NAICS Code:		313210			
Description:		Textile Bag and Canvas Mills			
SIC/NAICS Code:		314910			
60	2 of 15	SE/43.1	221.0 / 4.00	KAN-TEX MANUFACTURING 7 Millichamp St Markstay ON P0M 2G0	SCT
Established:		1988			
Plant Size (ft²):		6000			
Employment:		8			
--Details--					
Description:		Broad-Woven Fabric Mills			
SIC/NAICS Code:		313210			
Description:		Textile Bag and Canvas Mills			
SIC/NAICS Code:		314910			
60	3 of 15	SE/43.1	221.0 / 4.00	Kan-Tex Manufacturing - Div. of Bast Industrial Fabric & Supply Ltd. 7 Millichamp St Markstay ON	SCT
Established:		1988			
Plant Size (ft²):		6000			
Employment:		8			
60	4 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN ON	EBR
EBR Registry No:		IA01E1328	Decision Posted:		
Ministry Ref No:		8361-52KPLK	Exception Posted:		
Notice Type:		Instrument Decision	Section:		
Notice Stage:			Act 1:		
Notice Date:		April 29, 2003	Act 2:		
Proposal Date:		September 17, 2001	Site Location Map:		
Year:		2001			
Instrument Type:		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
Off Instrument Name:					
Posted By:					
Company Name:		1381407 Ontario Limited			
Site Address:					
Location Other:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Proponent Name: Proponent Address: 7 Millichamp Street, Box 180, Markstay-Warren Ontario, P0M 2G0 Comment Period: URL: Site Location Details: 7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN					
60	5 of 15	SE/43.1	221.0 / 4.00	DON & ART BAST 7 MILLICHAMP MARKSTAY ON P0M 2G0	GEN
Generator No: ON2400600 SIC Code: 3611 SIC Description: REFINED PETRO. PROD. Approval Years: 98,99,00,01 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: Detail(s) Waste Class: 211 Waste Class Name: AROMATIC SOLVENTS Waste Class: 213 Waste Class Name: PETROLEUM DISTILLATES					
60	6 of 15	SE/43.1	221.0 / 4.00	Artisan Cabinets 7 MILLICHAMP Street MARKSTAY ON P0M 2G0	GEN
Generator No: ON2400600 SIC Code: 337123 SIC Description: Other Wood Household Furniture Manufacturing Approval Years: 04,05,06 PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: Detail(s) Waste Class: 145 Waste Class Name: PAINT/PIGMENT/COATING RESIDUES Waste Class: 211 Waste Class Name: AROMATIC SOLVENTS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	7 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN ON	EBR
EBR Registry No: IA05E1539 Ministry Ref No: 0989-6GPPTT Notice Type: Instrument Decision Notice Stage: Notice Date: August 04, 2006 Proposal Date: October 03, 2005 Year: 2005 Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map: Instrument Type: (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) Off Instrument Name: Posted By: Company Name: 1381407 Ontario Limited Site Address: Location Other: Proponent Name: Proponent Address: 7 Millichamp Street, Box 180, Markstay-Warren Ontario, P0M 2G0 Comment Period: URL: Site Location Details: 7 Millichamp Street, Box 180 Markstay-Warren Ontario P0M 2G0 MUNICIPALITY OF MARKSTAY-WARREN					
60	8 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp St Markstay-Warren ON	CA
Certificate #: 2758-72LJMW Application Year: 2007 Issue Date: 4/30/2007 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
60	9 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp Street, Box 180 Markstay-Warren ON	CA
Certificate #: 6806-59AQ8A Application Year: 2002 Issue Date: 11/14/2002 Approval Type: Air Status: Revoked and/or Replaced Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminants: Emission Control:					
60	10 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp Street Markstay-Warren ON	CA
Certificate #:		9623-6KBRVZ			
Application Year:		2006			
Issue Date:		8/3/2006			
Approval Type:		Air			
Status:		Revoked and/or Replaced			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
60	11 of 15	SE/43.1	221.0 / 4.00	Artisan Cabinets 7 MILLICHAMP Street MARKSTAY ON P0M 2G0	GEN
Generator No:		ON2400600			
SIC Code:		337123			
SIC Description:		Other Wood Household Furniture Manufacturing			
Approval Years:		2010			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		211			
Waste Class Name:		AROMATIC SOLVENTS			
Waste Class:		145			
Waste Class Name:		PAINT/PIGMENT/COATING RESIDUES			
60	12 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp St Markstay-Warren ON P0M 2G0	ECA
Approval No:		2758-72LJMW		MOE District:	Sudbury
Approval Date:		2007-04-30		City:	
Status:		Approved		Longitude:	-80.54025
Record Type:		ECA		Latitude:	46.489834
Link Source:		IDS		Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Business Name:		1381407 Ontario Limited			
Address:		7 Millichamp St			
Full Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB			
Full PDF Link: PDF Site Location:		https://www.accessenvironment.ene.gov.on.ca/instruments/9392-6XXK8W-14.pdf						
60	13 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp Street Markstay-Warren ON P0M 2G0	ECA			
Approval No:		9623-6KBRVZ	MOE District: Sudbury					
Approval Date:		2006-08-03	City:					
Status:		Revoked and/or Replaced	Longitude: -80.54025					
Record Type:		ECA	Latitude: 46.489834					
Link Source:		IDS	Geometry X:					
SWP Area Name:			Geometry Y:					
Approval Type:		ECA-AIR						
Project Type:		AIR						
Business Name:		1381407 Ontario Limited						
Address:		7 Millichamp Street						
Full Address:								
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/0989-6GPPTT-14.pdf						
PDF Site Location:								
60	14 of 15	SE/43.1	221.0 / 4.00	1381407 Ontario Limited 7 Millichamp Street, Box 180 Markstay-Warren ON P0M 2G0	ECA			
Approval No:		6806-59AQ8A	MOE District: Sudbury					
Approval Date:		2002-11-14	City:					
Status:		Revoked and/or Replaced	Longitude: -80.54025					
Record Type:		ECA	Latitude: 46.489834					
Link Source:		IDS	Geometry X:					
SWP Area Name:			Geometry Y:					
Approval Type:		ECA-AIR						
Project Type:		AIR						
Business Name:		1381407 Ontario Limited						
Address:		7 Millichamp Street, Box 180						
Full Address:								
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/8361-52KPLK-14.pdf						
PDF Site Location:								
60	15 of 15	SE/43.1	221.0 / 4.00	ARTISAN CABINETS 7 MILLICHAMP STREET MARKSTAY ON P0M2G0	NPR2			
NPRI ID:		11367	Latitude: 46.4927					
Facility ID:		344715	Longitude: -80.5395					
Note:		Substances included on NPRI reports for this NPRI ID are summarized below in the NPRI ID Substances Summary section. Substances listed in the Substances Summary are included on the basis of NPRI ID only. For entities (NPRI ID) with mobile plants and/or more than one facility location, substances listed above may or may not have been reported for specific facilities/mobile locations. The list of substances additionally includes those which have been included on the NPRI report with an unknown quantity or a quantity of 0.						
		For specific details about substance quantities, years, release/transfer/disposal methods, the reader is referred the facility report:						
		https://pollution-waste.canada.ca/national-release-inventory/?fromYear=1993&toYear=2022&name=11367						
NPRI ID Substances Summary								
CAS No:		NA - M10	Is PAH?:		FALSE			
Is VOC?:		FALSE	NPRI:		TRUE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Is DF?:	FALSE				
Name English:		PM2.5 - Particulate Matter <= 2.5 Micrometers			
Name French:		PM2,5 - Matière particulaire <= 2,5 micromètres			
Sort English:		PM2.5 - Particulate Matter <= 2.5 Micrometers			
Sort French:		PM2,5 - Matière particulaire <= 2,5 micromètres			
CAS No:	NA - M09			Is PAH?:	FALSE
Is VOC?:	FALSE			NPRI:	TRUE
Is DF?:	FALSE				
Name English:		PM10 - Particulate Matter <= 10 Micrometers			
Name French:		PM10 - Matière particulaire <= 10 micromètres			
Sort English:		PM10 - Particulate Matter <= 10 Micrometers			
Sort French:		PM10 - Matière particulaire <= 10 micromètres			
<u>Geographic Location</u>					
DLS Description:				Datum:	1983.0
NTS Description:	A-094-I/041-I-7			Forward Sort Area:	P0M
Latitude:	46.4927			SOMA:	TRUE
Longitude:	-80.5395			ON PEMA:	TRUE
Census Subdiv ID:	3552013			QC PEMA:	FALSE
Ecozone ID:	6			Quebec Windsor Corr:	FALSE
Water Survey ID:	2			Province Code:	ON
<u>NPRI ID Facility ID</u>					
NPRI ID:	11367				
Facility ID:	344715				
<u>Facility</u>					
Facility ID:	344715			IDM ID:	0
Portable:	FALSE			AB Approval ID:	0
NAICS Primary:	337110			GHGRP ID:	0
NAICS Secondary:	0			ON GHGRP ID:	0
NAICS Tertiary:	0				
Facility Name:	ARTISAN CABINETS				
Website:					
<u>Address</u>					
Address1:	7 Millichamp Street				
Address2:					
City:	MARKSTAY				
Postal Zip:	P0M2G0				
Prov:					
<u>Address Geographic</u>					
Latitude:	46.4927			Datum:	0
Longitude:	-80.5395			Land Survey:	
UTM Easting:	0.000000			Topograph:	
UTM Northing:	0.000000			Additional Info:	
UTM Zone:	0				
<u>Primary NAICS Details</u>					
NAICS Code:	337110			Start Date:	1993
Record Year:	1997			End Date:	2001
Key Indus Sector En:	Other Manufacturing				
Key Indus Sector Fr:	Autres fabrication				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Title En:		Wood Kitchen Cabinet and Counter Top Manufacturing			
NAICS Title Fr:		Fabrication d'armoires et de comptoirs de cuisine en bois			
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	337110			Start Date:	1993
Record Year:	2002			End Date:	2006
Key Indus Sector En:		Other Manufacturing			
Key Indus Sector Fr:		Autres fabrication			
NAICS Title En:		Wood Kitchen Cabinet and Counter Top Manufacturing			
NAICS Title Fr:		Fabrication d'armoires et de comptoirs de cuisine en bois			
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	337110			Start Date:	1993
Record Year:	2007			End Date:	2011
Key Indus Sector En:		Other Manufacturing			
Key Indus Sector Fr:		Autres fabrication			
NAICS Title En:		Wood Kitchen Cabinet and Counter Top Manufacturing			
NAICS Title Fr:		Fabrication d'armoires et de comptoirs de cuisine en bois			
NAICS Description En:					
NAICS Description Fr:					
NAICS Code:	337110			Start Date:	1993
Record Year:	2012			End Date:	2016
Key Indus Sector En:		Other Manufacturing			
Key Indus Sector Fr:		Autres fabrication			
NAICS Title En:		Wood kitchen cabinet and counter top manufacturing			
NAICS Title Fr:		Fabrication d'armoires et de comptoirs de cuisine en bois			
NAICS Description En:					
This Canadian industry comprises establishments primarily engaged in manufacturing wood kitchen cabinets, bathroom vanities, and counters, designed for permanent installation.					
NAICS Description Fr:					
Cette classe canadienne comprend les établissements dont l'activité principale consiste à fabriquer des armoires et des comptoirs de cuisine et de salle de bains en bois conçus pour être installés en permanence.					
NAICS Code:	337110			Start Date:	2017
Record Year:	2017			End Date:	2021
Key Indus Sector En:		Other Manufacturing			
Key Indus Sector Fr:		Autres fabrication			
NAICS Title En:		Wood kitchen cabinet and counter top manufacturing			
NAICS Title Fr:		Fabrication d'armoires et de comptoirs de cuisine en bois			
NAICS Description En:					
This Canadian industry comprises establishments primarily engaged in manufacturing wood kitchen cabinets, bathroom vanities, and counters, designed for permanent installation.					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
NAICS Description Fr:					
Cette classe canadienne comprend les établissements dont l'activité principale consiste à fabriquer des armoires et des comptoirs de cuisine et de salle de bains en bois conçus pour être installés en permanence.					
NPRI Report					
Report ID:	248066			Repor Type ID:	1
Report Year:	2005			New Reporter:	FALSE
NPRI ID:	11367			No of Employees:	50
Company ID:	129713			Is Compressor:	FALSE
Facility ID:	344715			Is NPRI Part 4:	FALSE
SWR Report ID:	20050000011367			Is Battery:	FALSE
Company					
Company Name:	ARTISAN CABINETS				
Trade Name En:					
Trade Name Fr:					
DUNS No:	0				
Website:					
NPRI Report					
Report ID:	128105			Repor Type ID:	1
Report Year:	2006			New Reporter:	FALSE
NPRI ID:	11367			No of Employees:	50
Company ID:	129713			Is Compressor:	FALSE
Facility ID:	344715			Is NPRI Part 4:	FALSE
SWR Report ID:	20060000011367			Is Battery:	FALSE
Company					
Company Name:	ARTISAN CABINETS				
Trade Name En:					
Trade Name Fr:					
DUNS No:	0				
Website:					
NPRI Report					
Report ID:	116829			Repor Type ID:	1
Report Year:	2007			New Reporter:	FALSE
NPRI ID:	11367			No of Employees:	50
Company ID:	129713			Is Compressor:	FALSE
Facility ID:	344715			Is NPRI Part 4:	FALSE
SWR Report ID:	20070000011367			Is Battery:	FALSE
Company					
Company Name:	ARTISAN CABINETS				
Trade Name En:					
Trade Name Fr:					
DUNS No:	0				
Website:					
61	1 of 1	W/57.2	221.8 / 4.77	lot 14 con 4 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5901176			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	12/17/1962
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1524
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	014
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901176.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	11/30/1962				
Year Completed:	1962				
Depth (m):	14.3256				
Latitude:	46.4938245955159				
Longitude:	-80.5512189238108				
Path:	590\5901176.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10418981			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534439.70
Code OB Desc:				North83:	5149015.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	11/30/1962			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932432734				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:					
Mat2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		47.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432733			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965901176			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967551			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682297			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		5.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682298			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		47.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901176			
Pump Set At:					
Static Level:		9.0			
Final Level After Pumping:		17.0			
Recommended Pump Depth:					
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933901911			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		41.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418981			Tag No:	
Depth M:	14.3256			Contractor:	1524
Year Completed:	1962			Latitude:	46.4938245955159
Well Completed Dt:	11/30/1962			Longitude:	-80.5512189238108
Audit No:				Y:	46.493824599803766
Path:	590\5901176.pdf			X:	-80.55121876523292
62	1 of 1	NNE/64.0	230.0 / 12.97	lot 12 con 4 ON	WWIS
Well ID:	5902786			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					

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/590\5902786.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/07/1971			
Year Completed:		1971			
Depth (m):		57.3024			
Latitude:		46.4970255711753			
Longitude:		-80.5414188139857			
Path:		590\5902786.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10420584		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		10/07/1971		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437647			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437648			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		188.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902786			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969154			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684797			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684798			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		188.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902786			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
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:		935112197			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323213			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845853			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588315			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903481			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		182.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420584			Tag No:	
Depth M:	57.3024			Contractor:	3614
Year Completed:	1971			Latitude:	46.4970255711753
Well Completed Dt:	10/07/1971			Longitude:	-80.5414188139857
Audit No:				Y:	46.49702557452829
Path:	590\5902786.pdf			X:	-80.54141865497994
63	1 of 1	ENE/70.6	230.9 / 13.87	lot 12 con 4 ON	WWIS
Well ID:	5901174			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Abandoned-Supply			Date Received:	02/12/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901174.pdf			
 <u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/14/1967			
Year Completed:		1967			
Depth (m):		81.3816			
Latitude:		46.4952052294506			
Longitude:		-80.5363519219555			
Path:		590\5901174.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10418979			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535579.70
Code OB Desc:				North83:	5149175.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	11/14/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932432730			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		267.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		932432729			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		965901174			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10967549			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930682294			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		267.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930682293			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901174			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:		0.0			
		ft			
		GPM			
		1			
		CLEAR			
		1			
		6			
		0			
		No			
<u>Water Details</u>					
Water ID:		933901909			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		220.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418979			Tag No:	
Depth M:	81.3816			Contractor:	3614
Year Completed:	1967			Latitude:	46.4952052294506
Well Completed Dt:	11/14/1967			Longitude:	-80.5363519219555
Audit No:				Y:	46.495205232705146
Path:	590\5901174.pdf			X:	-80.53635176336853

64	1 of 1	ESE/73.4	225.7 / 8.69	lot 12 con 3 ON	WWIS
Well ID:		5903917		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	05/10/1978
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903917.pdf			

Additional Detail(s) (Map)

Well Completed Date:	05/06/1977
Year Completed:	1977
Depth (m):	39.0144
Latitude:	46.4911589879268

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-80.5372332768031			
Path:		590\5903917.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10421675			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535514.70
Code OB Desc:				North83:	5148725.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	05/06/1977			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932440445				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	66				
Mat2 Desc:	DENSE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	18.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932440446				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	46				
Mat2 Desc:	QUARTZ				
Mat3:	73				
Mat3 Desc:	HARD				
Formation Top Depth:	18.0				
Formation End Depth:	128.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965903917				
Method Construction Code:	7				
Method Construction:	Diamond				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10970245			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930686495			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		20.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930686496			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		128.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903917			
Pump Set At:					
Static Level:		3.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		6			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934591029			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.0			
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:		934325231			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934848566			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935106704			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904517			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		122.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421675			Tag No:	
Depth M:	39.0144			Contractor:	3614
Year Completed:	1977			Latitude:	46.4911589879268
Well Completed Dt:	05/06/1977			Longitude:	-80.5372332768031
Audit No:				Y:	46.49115899145101
Path:	590\5903917.pdf			X:	-80.53723311771405
65	1 of 1	ENE/77.3	230.9 / 13.88	lot 12 con 4 ON	WWIS
Well ID:	5901175			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Livestock			Data Entry Status:	
Use 2nd:	Domestic			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/12/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:		HAGAR TOWNSHIP		UTM Reliability:	
Municipality:					
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901175.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		01/26/1968			
Year Completed:		1968			
Depth (m):		102.108			
Latitude:		46.494619748831			
Longitude:		-80.5362265865984			
Path:		590\5901175.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10418980		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		01/26/1968		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432732			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.0			
Formation End Depth:		335.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432731			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		4.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933200122			
Layer:		1			
Plug From:		97.0			
Plug To:		150.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901175			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967550			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682296			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		335.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682295			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		5.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901175			
Pump Set At:					
Static Level:		22.0			
Final Level After Pumping:		90.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Depth: 90.0 Pumping Rate: 2.0 Flowing Rate: Recommended Pump Rate: 2.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 4 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933901910 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 82.0 Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10418980 Depth M: 102.108 Year Completed: 1968 Well Completed Dt: 01/26/1968 Audit No: Path: 590\5901175.pdf					
Tag No: Contractor: 3614 Latitude: 46.494619748831 Longitude: -80.5362265865984 Y: 46.4946197525011 X: -80.53622642782965					
<u>66</u>	1 of 1	E/80.4	227.9 / 10.95	lot 12 con 3 ON	WWIS
Well ID: 5903918 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: HAGAR TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 05/10/1978 Selected Flag: TRUE Abandonment Rec: Contractor: 3614 Form Version: 1 Owner: County: SUDBURY Lot: 012 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903918.pdf					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 05/19/1977 Year Completed: 1977 Depth (m): 109.1184					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		46.492503599421			
Longitude:		-80.5359188096648			
Path:		590\5903918.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10421676			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535614.70
Code OB Desc:				North83:	5148875.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	05/19/1977			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932440448				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	63				
Mat2 Desc:	COARSE-GRAINED				
Mat3:	73				
Mat3 Desc:	HARD				
Formation Top Depth:	32.0				
Formation End Depth:	358.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932440447				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	66				
Mat2 Desc:	DENSE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	32.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	965903918				
Method Construction Code:	7				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10970246			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930686497			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		34.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930686498			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		358.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903918			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934848567			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
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:		934325232			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934591030			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935106705			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904518			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		318.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10421676			Tag No:	
Depth M:	109.1184			Contractor:	3614
Year Completed:	1977			Latitude:	46.492503599421
Well Completed Dt:	05/19/1977			Longitude:	-80.5359188096648
Audit No:				Y:	46.49250360279167
Path:	590\5903918.pdf			X:	-80.5359186509705
<u>67</u>	1 of 1	SSE/95.0	221.4 / 4.36	lot 12 con 3 ON	WWIS
Well ID:	5903579			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Public			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/29/1975
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	2428
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	012
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:			Zone: UTM Reliability:		
HAGAR TOWNSHIP					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903579.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			04/30/1975		
Year Completed:			1975		
Depth (m):			60.96		
Latitude:			46.4893722650495		
Longitude:			-80.540505898956		
Path:			590\5903579.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10421342		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone:		
Code OB Desc:			East83:		
Open Hole:			North83:		
Cluster Kind:			Org CS:		
Date Completed:			UTMRC:		
Remarks:			UTMRC Desc:		
Loc Method Desc:			Location Method:		
Elevrc Desc:			margin of error : 30 m - 100 m		
Location Source Date:			p4		
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932439585		
Layer:			2		
Color:			2		
General Color:			GREY		
Mat1:			21		
Most Common Material:			GRANITE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			15.0		
Formation End Depth:			160.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			932439586		
Layer:			3		
Color:			7		
General Color:			RED		
Mat1:			21		
Most Common Material:			GRANITE		
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		160.0			
Formation End Depth:		200.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932439584			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965903579			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10969912			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930685950			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		15.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930685951			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		995903579			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:		125.0			
Recommended Pump Depth:		185.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		30.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935106142			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		125.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934590466			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934848004			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		125.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934327306			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933904190			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		196.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Links</u>					
Bore Hole ID:	10421342			Tag No:	
Depth M:	60.96			Contractor:	2428
Year Completed:	1975			Latitude:	46.4893722650495
Well Completed Dt:	04/30/1975			Longitude:	-80.540505898956
Audit No:				Y:	46.48937226847316
Path:	590\5903579.pdf			X:	-80.54050574050677

68	1 of 1	NNE/95.4	229.9 / 12.92	lot 12 con 4 ON	WWIS
Well ID:	5903017			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/01/1973
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5903017.pdf				

Additional Detail(s) (Map)

Well Completed Date: 07/06/1972
Year Completed: 1972
Depth (m): 35.9664
Latitude: 46.4973858031721
Longitude: -80.5414809445525
Path: 590\5903017.pdf

Bore Hole Information

Bore Hole ID:	10420814	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535184.70
Code OB Desc:		North83:	5149415.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	07/06/1972	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438277			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		118.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932438276			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965903017			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969384			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930685155			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.0			
Casing Diameter:		2.0			
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:		930685156			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		118.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995903017			
Pump Set At:					
Static Level:		6.0			
Final Level After Pumping:		12.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934589302			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		8.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934846422			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935104554			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		12.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934315432			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		7.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903707			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		115.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10420814		Tag No:	
Depth M:		35.9664		Contractor:	3614
Year Completed:		1972		Latitude:	46.4973858031721
Well Completed Dt:		07/06/1972		Longitude:	-80.5414809445525
Audit No:				Y:	46.497385806466944
Path:		590\5903017.pdf		X:	-80.54148078599883
69	1 of 1	SW/103.1	209.6 / -7.42	lot 13 con 3 ON	WWIS
Well ID:		5901162		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Public		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	10/09/1964
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4402
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901162.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		09/22/1964			
Year Completed:		1964			
Depth (m):		28.956			
Latitude:		46.4898474413578			
Longitude:		-80.54682144118			
Path:		590\5901162.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10418967		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	534779.70
Code OB Desc:				North83:	5148575.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	09/22/1964			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432702			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432704			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41.0			
Formation End Depth:		95.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932432703			
Layer:		2			
Color:					
General Color:					
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		41.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965901162			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10967537			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930682269			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		41.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930682270			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		95.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901162			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		7.0			
Recommended Pump Depth:		3.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		8			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933901896			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		84.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10418967			Tag No:	
Depth M:	28.956			Contractor:	4402
Year Completed:	1964			Latitude:	46.4898474413578
Well Completed Dt:	09/22/1964			Longitude:	-80.54682144118
Audit No:				Y:	46.48984744497928
Path:	590\5901162.pdf			X:	-80.54682128201759
70	1 of 1	S/113.2	239.4 / 22.40	lot 11 con 3 ON	WWIS
Well ID:	5901982			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/19/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1218
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	011
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901982.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	09/01/1968				
Year Completed:	1968				
Depth (m):	49.3776				
Latitude:	46.4815569600596				
Longitude:	-80.5440892610175				
Path:	590\5901982.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10419786			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534994.70
Code OB Desc:				North83:	5147655.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	09/01/1968			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932435412			
Layer:		1			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		162.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965901982			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10968356			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930683527			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		162.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930683526			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		1.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995901982			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		100.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933902646			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933902647			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		150.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10419786		Tag No:	
Depth M:		49.3776		Contractor:	1218
Year Completed:		1968		Latitude:	46.4815569600596
Well Completed Dt:		09/01/1968		Longitude:	-80.5440892610175
Audit No:				Y:	46.48155696391497
Path:		590\5901982.pdf		X:	-80.5440891018896
71	1 of 1	S/120.5	210.3 / -6.69	lot 10 con 3 ON	WWIS
Well ID:		5901981		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	09/12/1968
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1218

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	010
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5901981.pdf			
 <u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/03/1968			
Year Completed:		1968			
Depth (m):		9.7536			
Latitude:		46.4866771845964			
Longitude:		-80.5417012236693			
Path:		590\5901981.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10419785			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535174.70
Code OB Desc:				North83:	5148225.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	06/03/1968			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932435411			
Layer:		1			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:					
		965901981			
Method Construction Code:					
		7			
Method Construction:					
		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:					
		10968355			
Casing No:					
		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:					
		930683525			
Layer:					
		2			
Material:					
		4			
Open Hole or Material:					
		OPEN HOLE			
Depth From:					
Depth To:					
		32.0			
Casing Diameter:					
		2.0			
Casing Diameter UOM:					
		inch			
Casing Depth UOM:					
		ft			
<u>Construction Record - Casing</u>					
Casing ID:					
		930683524			
Layer:					
		1			
Material:					
		1			
Open Hole or Material:					
		STEEL			
Depth From:					
Depth To:					
		1.0			
Casing Diameter:					
		1.0			
Casing Diameter UOM:					
		inch			
Casing Depth UOM:					
		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
		PUMP			
Pump Test ID:					
		995901981			
Pump Set At:					
Static Level:					
		3.0			
Final Level After Pumping:					
		15.0			
Recommended Pump Depth:					
		22.0			
Pumping Rate:					
		2.0			
Flowing Rate:					
Recommended Pump Rate:					
		2.0			
Levels UOM:					
		ft			
Rate UOM:					
		GPM			
Water State After Test Code:					
		1			
Water State After Test:					
		CLEAR			
Pumping Test Method:					
		1			
Pumping Duration HR:					
		1			
Pumping Duration MIN:					
		0			
Flowing:					
		No			
<u>Water Details</u>					
Water ID:					
		933902645			
Layer:					
		1			
Kind Code:					
		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		Not stated			
Water Found Depth:		32.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10419785			Tag No:	
Depth M:	9.7536			Contractor:	1218
Year Completed:	1968			Latitude:	46.4866771845964
Well Completed Dt:	06/03/1968			Longitude:	-80.5417012236693
Audit No:				Y:	46.48667718899431
Path:	590\5901981.pdf			X:	-80.54170106477808

72	1 of 1	N/141.1	229.9 / 12.88	lot 12 con 4 ON	WWIS	
Well ID:		5904727		Flowing (Y/N):		
Construction Date:				Flow Rate:		
Use 1st:				Data Entry Status:		
Use 2nd:				Data Src:	1	
Final Well Status:		Water Supply		Date Received:	04/19/1983	
Water Type:				Selected Flag:	TRUE	
Casing Material:				Abandonment Rec:		
Audit No:				Contractor:	2428	
Tag:				Form Version:	1	
Constructn Method:				Owner:		
Elevation (m):				County:	SUDBURY	
Elevatn Reliabilty:				Lot:	012	
Depth to Bedrock:				Concession:	04	
Well Depth:				Concession Name:	CON	
Overburden/Bedrock:				Easting NAD83:		
Pump Rate:				Northing NAD83:		
Static Water Level:				Zone:		
Clear/Cloudy:				UTM Reliability:		
Municipality:		HAGAR TOWNSHIP				
Site Info:						
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5904727.pdf				

Additional Detail(s) (Map)

Well Completed Date: 10/29/1982
Year Completed: 1982
Depth (m): 85.344
Latitude: 46.497929412469
Longitude: -80.542388609365
Path: 590\5904727.pdf

Bore Hole Information

Bore Hole ID:	10422460	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535114.70
Code OB Desc:		North83:	5149475.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/29/1982	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			

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 Materials Interval</u>					
Formation ID:		932442474			
Layer:		1			
Color:		7			
General Color:		RED			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932442476			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		267.0			
Formation End Depth:		280.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932442475			
Layer:		2			
Color:		7			
General Color:		RED			
Mat1:		20			
Most Common Material:		QUARTZITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		267.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965904727			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10971030			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930687892			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930687893			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		280.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995904727			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		160.0			
Recommended Pump Depth:		270.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		4			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934592744			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
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:		935108871			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934841511			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934327815			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933905332			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		275.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10422460			Tag No:	
Depth M:	85.344			Contractor:	2428
Year Completed:	1982			Latitude:	46.497929412469
Well Completed Dt:	10/29/1982			Longitude:	-80.542388609365
Audit No:				Y:	46.49792941593134
Path:	590\5904727.pdf			X:	-80.54238844969511
73	1 of 1	SSW/156.2	214.0 / -3.00	lot 13 con M ON	WWIS
Well ID:	5905277			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/31/1986
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	5210
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	013
Depth to Bedrock:				Concession:	M
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:		HAGAR TOWNSHIP		UTM Reliability:	
Municipality:					
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5905277.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/23/1985			
Year Completed:		1985			
Depth (m):		50.292			
Latitude:		46.4867674475536			
Longitude:		-80.5462828534207			
Path:		590\5905277.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10422991		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		04/23/1985		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932443766			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		13.0			
Formation End Depth:		165.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932443765			
Layer:		1			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		13.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965905277			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10971561			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930688804			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		16.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930688805			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		165.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995905277			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		65.0			
Recommended Pump Depth:		155.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934851827			
Test Type:					
Test Duration:		45			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934594431			
Test Type:					
Test Duration:		30			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934326858			
Test Type:					
Test Duration:		15			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935110563			
Test Type:					
Test Duration:		60			
Test Level:		65.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933905944			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10422991			Tag No:	
Depth M:	50.292			Contractor:	5210
Year Completed:	1985			Latitude:	46.4867674475536
Well Completed Dt:	04/23/1985			Longitude:	-80.5462828534207
Audit No:				Y:	46.48676745152115
Path:	590\5905277.pdf			X:	-80.54628269400595
74	1 of 1	N/161.1	229.7 / 12.70	lot 13 con 4 ON	WWIS
Well ID:	5902787			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902787.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	11/30/1971				
Year Completed:	1971				
Depth (m):	64.008				
Latitude:	46.4981093978594				
Longitude:	-80.5423870994357				
Path:	590\5902787.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10420585			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535114.70
Code OB Desc:				North83:	5149495.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	11/30/1971			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932437649				
Layer:	1				
Color:	5				
General Color:	YELLOW				
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	2.0				
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:		932437650			
Layer:		2			
Color:		5			
General Color:		YELLOW			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437651			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437652			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		210.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902787			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10969155			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684800			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		210.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684799			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902787			
Pump Set At:					
Static Level:		19.0			
Final Level After Pumping:		29.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		12			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588316			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		27.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935112198			
Test Type:		Draw Down			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		27.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323214			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		26.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845854			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		27.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903482			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		198.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420585			Tag No:	
Depth M:	64.008			Contractor:	3614
Year Completed:	1971			Latitude:	46.4981093978594
Well Completed Dt:	11/30/1971			Longitude:	-80.5423870994357
Audit No:				Y:	46.49810940150783
Path:	590\5902787.pdf			X:	-80.54238694050635
75	1 of 2	SW/197.0	217.0 / 0.00	lot 13 con 3 ON	WWIS
Well ID:	5905279			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/31/1986
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	NA			Contractor:	5210
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5905279.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/09/1986			
Year Completed:		1986			
Depth (m):		32.004			
Latitude:		46.4860971098598			
Longitude:		-80.5474519246948			
Path:		590\5905279.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10422993			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534733.70
Code OB Desc:				North83:	5148158.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	08/09/1986			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Loc Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932443770			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		105.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932443769			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	965905279				
Method Construction Code:	4				
Method Construction:	Rotary (Air)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10971563				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930688809				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	105.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930688808				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	81.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	995905279				
Pump Set At:					
Static Level:	5.0				
Final Level After Pumping:	105.0				
Recommended Pump Depth:	95.0				
Pumping Rate:	1.0				
Flowing Rate:					
Recommended Pump Rate:	1.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pump Test Detail ID:</u> 935110565					
<u>Test Type:</u>					
<u>Test Duration:</u> 60					
<u>Test Level:</u> 105.0					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934851829					
<u>Test Type:</u>					
<u>Test Duration:</u> 45					
<u>Test Level:</u> 105.0					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934326860					
<u>Test Type:</u>					
<u>Test Duration:</u> 15					
<u>Test Level:</u> 105.0					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934594433					
<u>Test Type:</u>					
<u>Test Duration:</u> 30					
<u>Test Level:</u> 105.0					
<u>Test Level UOM:</u> ft					
<u>Water Details</u>					
<u>Water ID:</u> 933905946					
<u>Layer:</u> 1					
<u>Kind Code:</u> 1					
<u>Kind:</u> FRESH					
<u>Water Found Depth:</u> 50.0					
<u>Water Found Depth UOM:</u> ft					
<u>Water Details</u>					
<u>Water ID:</u> 933905947					
<u>Layer:</u> 2					
<u>Kind Code:</u> 1					
<u>Kind:</u> FRESH					
<u>Water Found Depth:</u> 95.0					
<u>Water Found Depth UOM:</u> ft					
<u>Links</u>					
<u>Bore Hole ID:</u> 10422993					
<u>Depth M:</u> 32.004					
<u>Year Completed:</u> 1986					
<u>Well Completed Dt:</u> 08/09/1986					
<u>Audit No:</u> NA					
<u>Path:</u> 590\5905279.pdf					
<u>Tag No:</u> 5210					
<u>Contractor:</u> 46.4860971098598					
<u>Latitude:</u> -80.5474519246948					
<u>Longitude:</u> 46.48609711343146					
<u>Y:</u> -80.54745176570003					
<u>X:</u>					
75	2 of 2	SW/197.0	217.0 / 0.00	lot 13 con 3 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	5905389			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/15/1987
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	NA			Contractor:	5210
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		HAGAR TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5905389.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/28/1987				
Year Completed:	1987				
Depth (m):	50.292				
Latitude:	46.4860971098598				
Longitude:	-80.5474519246948				
Path:	590\5905389.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10423101			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	534733.70
Code OB Desc:				North83:	5148158.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	05/28/1987			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Loc Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932444041				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	13				
Mat2 Desc:	BOULDERS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932444042			
Layer:		3			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		165.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932444040			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965905389			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10971671			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930689004			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		165.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930689003			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995905389			
Pump Set At:					
Static Level:		5.0			
Final Level After Pumping:		165.0			
Recommended Pump Depth:		155.0			
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934326937			
Test Type:					
Test Duration:		15			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935110642			
Test Type:					
Test Duration:		60			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934852321			
Test Type:					
Test Duration:		45			
Test Level:		165.0			
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:		934594927			
Test Type:					
Test Duration:		30			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933906089			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		150.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933906088			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10423101			Tag No:	
Depth M:	50.292			Contractor:	5210
Year Completed:	1987			Latitude:	46.4860971098598
Well Completed Dt:	05/28/1987			Longitude:	-80.5474519246948
Audit No:	NA			Y:	46.48609711343146
Path:	590\5905389.pdf			X:	-80.54745176570003
76	1 of 1	N/198.7	228.5 / 11.50	lot 12 con 4 ON	WWIS
Well ID:	5902782			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliability:				Lot:	012
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902782.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date: 10/01/1971					
Year Completed: 1971					
Depth (m): 53.6448					
Latitude: 46.4983754614944					
Longitude: -80.5414074655216					
Path: 590\5902782.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10420580					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed: 10/01/1971					
Remarks:					
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932437637					
Layer: 1					
Color: 5					
General Color: YELLOW					
Mat1: 02					
Most Common Material: TOPSOIL					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 0.0					
Formation End Depth: 1.0					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 932437638					
Layer: 2					
Color: 2					
General Color: GREY					
Mat1: 21					
Most Common Material: GRANITE					
Mat2: 20					
Mat2 Desc: QUARTZITE					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 1.0					
Formation End Depth: 176.0					
Formation End Depth UOM: ft					
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		965902782			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969150			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684789			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		2.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684790			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		176.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902782			
Pump Set At:					
Static Level:		32.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		90.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		5			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323209			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration: 15					
Test Level: 40.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 935112193					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 55.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934845849					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 45.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934588311					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 45.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933903477					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 142.0					
Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10420580					
Depth M: 53.6448					
Year Completed: 1971					
Well Completed Dt: 10/01/1971					
Audit No:					
Path: 590\5902782.pdf					
Tag No:					
Contractor: 3614					
Latitude: 46.4983754614944					
Longitude: -80.5414074655216					
Y: 46.498375464683235					
X: -80.54140730731824					
77	1 of 2	N/205.5	228.5 / 11.49	35 Main Street N, Markstay Markstay-Warren ON	SPL
Ref No: 6024-BGJHXY					
Year:					
Incident Dt: 10/1/2019					
Dt MOE Arvl on Scn:					
MOE Reported Dt: 10/1/2019					
Dt Document Closed: 10/24/2019					
Site No: NA					
MOE Response: No					
Site County/District: District of Sudbury					
Site Geo Ref Meth:					
Site District Office: Sudbury					
Nearest Watercourse:					
Municipality No:					
Nature of Damage:					
Discharger Report:					
Material Group:					
Health/Env Conseq: 2 - Minor Environment					
Agency Involved:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Name: Enbridge - 1/2 " gasline<UNOFFICIAL> Site Address: 35 Main Street N, Markstay Site Region: Northern Site Municipality: Markstay-Warren Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Client Type: Source Type: Pipeline/Components Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Receiving Medium: Air Incident Reason: Operator/Human Error Incident Summary: TSSA/Enbridge: 1/2 " gasline damaged Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Other SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Call Report Locatn Geodata:					
77	2 of 2	N/205.5	228.5 / 11.49	ENBRIDGE GAS INC 35 MAIN ST N,,MARKSTAY,ON,P0M 2G0,CA ON	PINC
Incident Id: Incident No: 2692478 Incident Reported Dt: 10/1/2019 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 35 MAIN ST N,,MARKSTAY,ON,P0M 2G0,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
78	1 of 1	N/212.0	228.5 / 11.49	lot 13 con 4 ON	WWIS
Well ID: 5902785 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 02/29/1972 Selected Flag: TRUE Abandonment Rec: Contractor: 3614 Form Version: 1 Owner: County: SUDBURY Lot: 013 Concession: 04 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902785.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/02/1971			
Year Completed:		1971			
Depth (m):		29.8704			
Latitude:		46.4985611852021			
Longitude:		-80.5428394316537			
Path:		590\5902785.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10420583		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 17	
Code OB:				East83: 535079.70	
Code OB Desc:				North83: 5149545.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 4	
Date Completed:		12/02/1971		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: p4	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437646			
Layer:		3			
Color:		7			
General Color:		RED			
Mat1:		21			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		GRANITE	20		
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437644			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437645			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		07			
Mat2 Desc:		QUICKSAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902785			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969153			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684795			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930684796			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		98.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902785			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		26.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935112196			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		26.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588314			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		22.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845852			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		24.0			

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:	934323212				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	20.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933903480				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	88.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10420583			Tag No:	
Depth M:	29.8704			Contractor:	3614
Year Completed:	1971			Latitude:	46.4985611852021
Well Completed Dt:	12/02/1971			Longitude:	-80.5428394316537
Audit No:				Y:	46.498561188620144
Path:	590\5902785.pdf			X:	-80.54283927349637

79	1 of 1	N/221.7	227.4 / 10.42	lot 13 con 4 ON	WWIS
Well ID:	5902784			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902784.pdf				

Additional Detail(s) (Map)

Well Completed Date: 12/17/1971
 Year Completed: 1971
 Depth (m): 68.58
 Latitude: 46.4986506569656
 Longitude: -80.5427083608829
 Path: 590\5902784.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10420582			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	17
Code OB:				East83:	535089.70
Code OB Desc:				North83:	5149555.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	12/17/1971			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932437642				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	3.0				
Formation End Depth:	19.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932437643				
Layer:	3				
Color:	7				
General Color:	RED				
Mat1:	21				
Most Common Material:	GRANITE				
Mat2:	20				
Mat2 Desc:	QUARTZITE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	19.0				
Formation End Depth:	225.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932437641				
Layer:	1				
Color:	5				
General Color:	YELLOW				
Mat1:	02				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902784			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969152			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684793			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930684794			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		225.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902784			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		26.0			
Recommended Pump Depth:		90.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
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:		1			
Pumping Duration HR:		10			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845851			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		28.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588313			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323211			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935112195			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		29.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903479			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		219.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10420582		Tag No:	
Depth M:		68.58		Contractor:	
Year Completed:		1971		3614	
Well Completed Dt:		12/17/1971		Latitude:	
Audit No:				-80.5427083608829	
Path:		590\5902784.pdf		Longitude:	
				-80.5427082021429	
				Y:	
				46.49865066068668	
				X:	
				-80.5427082021429	
80	1 of 1	SW/230.1	216.7 / -0.31	Hwy 17 Sudbury to Markstat ON	EHS
Order No:	20091125066			Nearest Intersection:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	9/8/2010			Search Radius (km):	1
Date Received:	11/25/2009			X:	-80.547809
Previous Site Name:				Y:	46.486267
Lot/Building Size:					
Additional Info Ordered:					

81	1 of 1	N/231.5	227.4 / 10.42	lot 13 con 4 ON	WWIS
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Well ID:	5902783	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	02/29/1972
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3614
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SUDBURY
Elevatn Reliabilty:		Lot:	013
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	HAGAR TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902783.pdf

Additional Detail(s) (Map)

Well Completed Date: 12/06/1971
Year Completed: 1971
Depth (m): 28.0416
Latitude: 46.498740128576
Longitude: -80.5425772896821
Path: 590\5902783.pdf

Bore Hole Information

Bore Hole ID:	10420581	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535099.70
Code OB Desc:		North83:	5149565.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	12/06/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437640			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		92.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932437639			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		01			
Most Common Material:		FILL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		09			
Mat3 Desc:		MEDIUM SAND			
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		965902783			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10969151			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930684791			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12.0			
Casing Diameter:		2.0			
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:		930684792			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		92.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902783			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		23.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		2.0			
Flowing Rate:					
Recommended Pump Rate:		2.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		15			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935112194			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		23.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845850			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588312			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		19.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323210			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933903478			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		87.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10420581			Tag No:	
Depth M:	28.0416			Contractor:	3614
Year Completed:	1971			Latitude:	46.498740128576
Well Completed Dt:	12/06/1971			Longitude:	-80.5425772896821
Audit No:				Y:	46.49874013260597
Path:	590\5902783.pdf			X:	-80.54257713078943

82	1 of 1	N/241.2	227.5 / 10.50	lot 13 con 4 ON	WWIS
Well ID:	5902781			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/29/1972
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3614
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	SUDBURY
Elevatn Reliabilty:				Lot:	013
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	HAGAR TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/590\5902781.pdf				

Additional Detail(s) (Map)

Well Completed Date: 12/10/1971
 Year Completed: 1971
 Depth (m): 56.0832
 Latitude: 46.4988296000332
 Longitude: -80.5424462180513
 Path: 590\5902781.pdf

Bore Hole Information

Bore Hole ID:	10420579	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:		East83:	535109.70
Code OB Desc:		North83:	5149575.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	12/10/1971			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437635			
Layer:		1			
Color:		5			
General Color:		YELLOW			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932437636			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		184.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		965902781			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10969149			
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:		930684788			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		184.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930684787			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		995902781			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		22.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		1.0			
Flowing Rate:					
Recommended Pump Rate:		1.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		12			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		935112192			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		22.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934323208			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934588310			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		19.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934845848			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933903476			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		164.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10420579			Tag No:	
Depth M:	56.0832			Contractor:	3614
Year Completed:	1971			Latitude:	46.4988296000332
Well Completed Dt:	12/10/1971			Longitude:	-80.5424462180513
Audit No:				Y:	46.498829603759624
Path:	590\5902781.pdf			X:	-80.54244605943597

Unplottable Summary

Total: **55** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	INCO LIMITED	LOT 12/CONC.3, MCKIM TWP.	SUDBURY CITY ON	
CA	INCO LIMITED - LOT 12, CONC. III	COPPER CLIFF NORTH MINE, MCKIM	SUDBURY CITY ON	
CA	SUDBURY CITY HAWTHORNE DR.	HAWTHORNE DR.	SUDBURY CITY ON	
CA	HORIZON CO-OP. HOMES INC. -LOT 12/CONC. 3	PT. 1, PLAN 53R-5274,NEELON	SUDBURY CITY ON	
CA	INCO LIMITED	LOT 12/CONC.4, MACLENNAN TWP.	SUDBURY CITY ON	
CA	HUMARCIN RESIDENTS ORGANIZATION	PIONEER RD., EVERGREEN EST.	SUDBURY ON	
CA	R.M. OF SUDBURY	LOT 12,CON.4/KINGSWAY(NEELON)	SUDBURY ON	
CA	SHELL CANADA PRODUCTS LIMITED	HIGHWAY #17 & DUHAMEL	SUDBURY CITY ON	
CA	INCO LIMITED	LOT 12/CONC.3, MCKIM TWP.	SUDBURY CITY ON	
CA	Well F - Linden	Lot 12, Concession 4	Greater Sudbury ON	
CFOT	BELL CANADA	HWY 17 HAGAR NEPWASSI ROAD	MARKSTAY ON	
DTNK	Bell Canada	Twsp Hagar Nepwassi Rd Hwy #17, Markstay ON	MARKSTAY ON	
EBR	Inco Ltd.	LOT 12/CONC.3, MCKIM TWP., SUDBURY CITY DISTRICT OF SUDBURY	ON	
EBR	Inco Limited	The South Mine is located on the south side of Highway 17 on Power Street. CITY OF GREATER SUDBURY	ON	
EBR	Vale Canada Limited	Lot 12, Con 2 & 3, Falconbridge Twp. Lots 1,2,3 & 4, Con 2 & 3, Garson Twp. CITY OF GREATER SUDBURY DISTRICT OF SUDBURY	ON	
EBR	Vale Canada Limited	Lot 12, Con 2 & 3, Lots 1,2,3 & 4, Con 2 & 3	SUDBURY ON	

EHS		Highway 17	Greater Sudbury ON	
FST	BROUZES EQUIPMENT CO	PIONEER RD SITE 7	SUDBURY ON	
GEN	Belanger Construction (1981) inc	Hwy 17	Wanapitei ON	
GEN	INCO LTD.	NORTH MINE LOT 12 CON. 3, TWP. OF MCKIM C/O COPPER CLIFF	SUDBURY ON	P0M 1N0
GEN	Harrison Muir Inc.	Markstay Main St Bridge	Markstay ON	P0M 2G0
GEN	Union Gas Limited	e367m SE of Pioneer Street Wst & Hwy 17	Markstay ON	P0M 2G0
GEN	BELL CANADA	TWSP HAGAR NEPWASSI RD, HWY NO. 17	MARKSTAY ON	
GEN	INCO LTD.(SEE&USE ON0016008) 21-110	OXYGEN PLANT, LOT 12, CONC.3, MCKIM TWP C/O COPPER CLIFF	SUDBURY ON	P0M 1N0
GEN	ESSO PETROLEUM CANADA 14-607	PRT OF CPR IGNACE STN.GROUNDS, HWY#17 C/O 363 FALCONBRIDGE ROAD	SUDBURY ON	P3E 4N3
GEN	INCO (SEE&USE ON0016008) LIMITED	OXYGEN PLANT, LOT 12, CONC.3, MCKIM TWP C/O COPPER CLIFF	SUDBURY ON	P0M 1N0
PRT	KINGSWAY TRANSPORTS LTD ATTN FRED KING	PIONEER RD	SUDBURY ON	
PTTW	Vale Canada Limited	Lot 12, Concession 3, Geographic Township of McKim Lot 1, Concession 4, Geographic Township of Snider City of Greater Sudbury, District of Sudbury	MCKIM SNIDER ON	
RST	PIONEER PETROLEUMS LIMITED	HWY 17 E	SUDBURY ON	P0M 3C0
RST	BLUEBERRY STATION	HWY 17	SUDBURY ON	P0M 3E0
SPL	Union Gas Limited	Main Street	Markstay-Warren ON	
SPL	Challenger Motor Freight Inc.	LOT Hwy 17 (West on Nairn Centre)	Greater Sudbury ON	
SPL	Gentek Building Products Limited	Highway 17 Hwy E	Greater Sudbury ON	
SPL	Union Gas Limited	closest address - 350m from Six Mountain Rd.	Markstay-Warren ON	
SPL	Boutin Groupe	Hwy 17 E of Sudbury	Greater Sudbury ON	NA
SPL	Hwy 17 East of Sudbury	Hwy 17 East of Sudbury	Greater Sudbury ON	
SPL	Pollard Highway Products	Hwy 17	Greater Sudbury ON	
SPL	City of Greater Sudbury	Main Street, Chelmsford	Greater Sudbury ON	

SPL	Hydro One Networks Inc.	HWY 17, OIL SPILL, HAGAR	Greater Sudbury ON
SPL	PUC	PUMPING STATION MAIN ST., CHELMSFORD PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER	SUDBURY R.M. ON
SPL	TRANSPORT TRUCK	HWY17 20 MILES WEST OF SUDBURY TRANSPORT TRUCK (CARGO)	SUDBURY R.M. ON
SPL	TRANSPORT TRUCK	HWY 17 EAST IN FRONT OF MID NORTH MOTORS MOTOR VEHICLE (OPERATING FLUID)	SUDBURY CITY ON
SPL	TRANSPORT TRUCK	ON HWY. 17 EAST JUST OUTSIDE OF SUDBURY CITY LIMITS MOTOR VEHICLE (OPERATING FLUID)	SUDBURY CITY ON
SPL	PRIVATE RESIDENCE	NEPEWASSI LAKE WELL/DRINKING WATER SOURCE	SUDBURY DISTRICT ON
SPL	TRANSPORT TRUCK	HWY 17 EAST, NEAR THE SHELL GAS BAR IN WARREN MOTOR VEHICLE (OPERATING FLUID)	SUDBURY DISTRICT ON
SPL	ONTARIO HYDRO SERVICES COMPANY	HAGAR TWP. LOT 12 CON 3 TRANSFORMER	MARKSTAY-WARREN MUNICIPALITY ON
SPL	TRANSPORT TRUCK	34 KM EAST OF SUDBURY ON HWY. 17. TRANSPORT TRUCK (CARGO)	SUDBURY ON
SPL	TRUCK	HWY 17/BY-PASS TRANSPORT TRUCK (CARGO)	SUDBURY ON
SPL	MOTOR VEHICLE	HWY 17, E OF HAGAR, CLOSE TO HWY 535 MOTOR VEHICLE (OPERATING FLUID)	GREATER SUDBURY CITY ON
SPL	TRANSPORT TRUCK	HUSKY FUEL STATION ON HWY 17, JUST OUTSIDE SUDBURY MOTOR VEHICLE (OPERATING FLUID)	GREATER SUDBURY CITY ON
WDS	SUDBURY, CITY OF	HIGHWAY NO. 17	SUDBURY, CITY ON
WWIS		lot 12 con 4	ON
WWIS		PART OF LOT 12 lot 12 con 4	SUDBURY ON
WWIS		lot 12 con 4	ON
WWIS		lot 12 con 4	ON

Unplottable Report

Site: INCO LIMITED
LOT 12/CON.3, MCKIM TWP. SUDBURY CITY ON

Database:
CA

Certificate #: 8-5107-95-
Application Year: 95
Issue Date: 7/20/1995
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: TEMPORARY USE OF AIR COMPRESSOR
Contaminants:
Emission Control:

Site: INCO LIMITED - LOT 12, CONC. III
COPPER CLIFF NORTH MINE, MCKIM SUDBURY CITY ON

Database:
CA

Certificate #: 8-5007-91-
Application Year: 91
Issue Date: 3/11/1991
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: INST. 1 72" 150 HP 200,000 CFM FAN
Contaminants:
Emission Control:

Site: SUDBURY CITY HAWTHORNE DR.
HAWTHORNE DR. SUDBURY CITY ON

Database:
CA

Certificate #: 3-0648-88-
Application Year: 88
Issue Date: 5/5/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HORIZON CO-OP. HOMES INC.-LOT 12/CONC. 3
PT. 1, PLAN 53R-5274,NEELON SUDBURY CITY ON

Database:
CA

Certificate #: 3-0815-91-

Application Year: 91
Issue Date: 6/28/1991
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **INCO LIMITED**
LOT 12/CONC.4, MACLENNAN TWP. SUDBURY CITY ON

Database:
CA

Certificate #: 4-0003-95-
Application Year: 95
Issue Date: 1/27/1995
Approval Type: Industrial wastewater
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: VICTOR ADVANCED PROJECT EFFLUENT PONDS
Contaminants:
Emission Control:

Site: **HUMARCIN RESIDENTS ORGANIZATION**
PIONEER RD., EVERGREEN EST. SUDBURY ON

Database:
CA

Certificate #: 3-1611-98-
Application Year: 98
Issue Date: 11/12/1998
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **R.M. OF SUDBURY**
LOT 12,CON.4/KINGSWAY(NEELON) SUDBURY ON

Database:
CA

Certificate #: 7-0876-98-
Application Year: 98
Issue Date: 8/28/1998
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SHELL CANADA PRODUCTS LIMITED
HIGHWAY #17 & DUHAMEL SUDBURY CITY ON

Database:
CA

Certificate #: 4-0039-97-
Application Year: 97
Issue Date: 6/6/1997
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: OIL/WATER SEPARATOR FOR BULK PLANT FAC.
Contaminants:
Emission Control:

Site: INCO LIMITED
LOT 12/CONC.3, MCKIM TWP. SUDBURY CITY ON

Database:
CA

Certificate #: 8-5175-95-966
Application Year: 95
Issue Date: 5/21/96
Approval Type: Industrial air
Status: Received in 1995, Issued in 1996
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: (2) SILENCERS FOR COMPRESSOR ROOM
Contaminants: Sound
Emission Control: Silencer

Site: Well F - Linden
Lot 12, Concession 4 Greater Sudbury ON

Database:
CA

Certificate #: 0986-56FQVV
Application Year: 02
Issue Date: 7/25/02
Approval Type: Municipal & Private water
Status: Revoked and/or Replaced
Application Type: New Certificate of Approval
Client Name: City of Greater Sudbury
Client Address: 200 Brady Street, Bag 5000, Station A
Client City: Greater Sudbury
Client Postal Code: P3E 5P3
Project Description: The City of Valley East water system is a municipally owned and operated communal groundwater system. The source of water is nine, 300 mm diameter drilled wells equipped with vertical turbine pumps, chlorination and flouridation equipment, all housed in nine separate pumphouses.
Contaminants:
Emission Control:

Site: BELL CANADA
HWY 17 HAGAR NEPWASSI ROAD MARKSTAY ON

Database:
CFOT

Inventory No:	61747813	Tank Material:	Fiberglass (FRP)
Inventory Status:	Active	Corrosion Protect:	Fiberglass
Installation Year:	1992	Overfill Protection:	
Capacity:	2350	Inventory Context:	FS Fuel Oil Tank
Capacity Unit:		Inventory Item:	FS FUEL OIL TANK
Tank Type:			
Manufacturer:			

Model:
Description:

Site: Bell Canada
Twsp Hagar Nepwassi Rd Hwy #17, Markstay ON MARKSTAY ON

Database:
DTNK

**Delisted Commercial Fuel Oil
Tanks**

Licence No:		Facility Type:	
Registration No:	200204-1543	Fuel Type:	
Posse File No:		Corrosion Protection:	
Posse Reg No:		NBR:	
Instance No:		Contact Name:	c/o Alain Naud
Status Name:		Contact Address:	3685 Aylmer - Bureau 200
Tank Type:		Contact Address2:	
Tank Size:	2350 L	Contact Suite:	
Tank Material:	Fiberglass reinforced plastic	Contact City:	Montreal
Tk Age(as of 05/1992):	10 yrs	Contact Prov:	QC
Tank Address:	Twsp Hagar Nepwassi Rd Hwy #17, Markstay ON	Contact Postal:	H2X 2C5
Instance Type:		Province:	
Instance Creation Dt:		Letter Sent:	
Instance Install Dt:		Context:	
Item:		Distributor:	Eso
Item Desc:		Comments:	
Device Instld Loc:			
Description:			
Original Source:	CFOT		
Record Date:	Up to Apr 2013		

Site: Inco Ltd.
LOT 12/CONC.3, MCKIM TWP., SUDBURY CITY DISTRICT OF SUDBURY ON

Database:
EBR

EBR Registry No:	IA6E0435	Decision Posted:	
Ministry Ref No:	8517595	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:		Act 1:	
Notice Date:	August 16, 2001	Act 2:	
Proposal Date:	March 20, 1996	Site Location Map:	
Year:	1996		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Inco Ltd.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	Copper Cliff, General Engineering Building, Copper Cliff Ontario, P0M 1N0		
Comment Period:			
URL:			

Site Location Details:

LOT 12/CONC.3, MCKIM TWP., SUDBURY CITY DISTRICT OF SUDBURY

Site: Inco Limited
The South Mine is located on the south side of Highway 17 on Power Street. CITY OF GREATER SUDBURY ON

Database:
EBR

EBR Registry No:	ID01E0123	Decision Posted:	
Ministry Ref No:	MG-01-I-23	Exception Posted:	
Notice Type:	Instrument Decision	Section:	

Notice Stage:
Notice Date: September 11, 2001
Proposal Date: July 18, 2001
Year: 2001
Instrument Type: (Mining Act s.147(7)) - Notice requiring a proponent to submit changes to a proposed closure plan
Off Instrument Name:
Posted By:
Company Name: Inco Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: Ontario Division, General Engineering Building, Copper Cliff Ontario, P0M 1N0
Comment Period:
URL:

Act 1:
Act 2:
Site Location Map:

Site Location Details:

The South Mine is located on the south side of Highway 17 on Power Street. CITY OF GREATER SUDBURY

Site: **Vale Canada Limited**
Lot 12, Con 2 & 3, Falconbridge Twp. Lots 1,2,3 & 4, Con 2 & 3, Garson Twp. CITY OF GREATER SUDBURY
DISTRICT OF SUDBURY ON

Database:
EBR

EBR Registry No: 011-9923
Ministry Ref No: MNR INST 50/13
Notice Type: Instrument Decision
Notice Stage:
Notice Date: April 09, 2014
Proposal Date: August 28, 2013
Year: 2013
Instrument Type: (ARA s. 16 (2)) - Approval of licensee proposed amendment to a site plan
Off Instrument Name:
Posted By:
Company Name: Vale Canada Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 18 Rink Street, Copper Cliff Ontario, Canada P0M 1N0
Comment Period:
URL:

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

Site Location Details:

Lot 12, Con 2 & 3, Falconbridge Twp. Lots 1,2,3 & 4, Con 2 & 3, Garson Twp. CITY OF GREATER SUDBURY DISTRICT OF SUDBURY

Site: **Vale Canada Limited**
Lot 12, Con 2 & 3, Lots 1,2,3 & 4, Con 2 & 3 SUDBURY ON

Database:
EBR

EBR Registry No: 011-9923
Ministry Ref No: MNR INST 50/13
Notice Type: Instrument Proposal
Notice Stage:
Notice Date:
Proposal Date: August 28, 2013
Year: 2013
Instrument Type: (ARA s. 16 (2)) - Approval of licensee proposed amendment to a site plan
Off Instrument Name:
Posted By:
Company Name:
Site Address:
Location Other:
Proponent Name:
Proponent Address: 18 Rink Street, Copper Cliff Ontario, Canada P0M 1N0
Comment Period:

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

URL:

Site Location Details:

Lot 12, Con 2 & 3, Falconbridge Twp. Lots 1,2,3 & 4, Con 2 & 3, Garson Twp. CITY OF GREATER SUDBURY DISTRICT OF SUDBURY

Site:	Highway 17 Greater Sudbury ON	Database:	EHS
Order No:	20111206005	Nearest Intersection:	
Status:	C	Municipality:	City of Greater Sudbury
Report Type:	Custom Report	Client Prov/State:	ON
Report Date:	12/14/2011	Search Radius (km):	0.25
Date Received:	12/6/2011 10:00:39 AM	X:	-81.352122
Previous Site Name:		Y:	1
Lot/Building Size:			
Additional Info Ordered:			

Site:	BROUZES EQUIPMENT CO PIONEER RD SITE 7 SUDBURY ON	Database:	FST
Inventory No:	10991155	Tank Material:	Steel
Inventory Status:	Active	Corrosion Protect:	Impressed Current
Installation Year:		Overfill Protection:	
Capacity:		Inventory Context:	FS Liquid Fuel Tank
Capacity Unit:		Inventory Item:	FS LIQUID FUEL TANK
Tank Type:			
Manufacturer:			
Model:			
Description:	UNDERGROUND TANK		

Site:	Belanger Construction (1981) inc Hwy 17 Wanapitei ON	Database:	GEN
Generator No:	ON6452745		
SIC Code:	237310		
SIC Description:	Highway Street and Bridge Construction		
Approval Years:	2009		
PO Box No:			
Country:			
Status:			
Co Admin:			
Choice of Contact:			
Phone No Admin:			
Contaminated Facility:			
MHSW Facility:			

Detail(s)

Waste Class:	146
Waste Class Name:	OTHER SPECIFIED INORGANICS

Site:	INCO LTD. NORTH MINE LOT 12 CON. 3, TWP. OF MCKIM C/O COPPER CLIFF SUDBURY ON P0M 1N0	Database:	GEN
Generator No:	ON0016008		
SIC Code:	0613		
SIC Description:	NICKEL/COPPER MINE		
Approval Years:	89,90		
PO Box No:			
Country:			
Status:			

Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 142
Waste Class Name: SMELTING WASTES

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: **Harrison Muir Inc.**
Markstay Main St Bridge Markstay ON P0M 2G0

Database:
GEN

Generator No: ON6653651
SIC Code:
SIC Description:
Approval Years: As of Dec 2017
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146 T
Waste Class Name: Other specified inorganic sludges, slurries or solids

Site: **Union Gas Limited**
e367m SE of Pioneer Street Wst & Hwy 17 Markstay ON P0M 2G0

Database:
GEN

Generator No: ON3324415
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 243 D
Waste Class Name: PCB

Site: BELL CANADA
TWSP HAGAR NEPWASSI RD, HWY NO. 17 MARKSTAY ON

Database:
GEN

Generator No: ON7701090
SIC Code:
SIC Description:
Approval Years: 06
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: INCO LTD.(SEE&USE ON0016008) 21-110
OXYGEN PLANT, LOT 12, CONC.3, MCKIM TWP C/O COPPER CLIFF SUDBURY ON P0M 1N0

Database:
GEN

Generator No: ON0016021
SIC Code: 0613
SIC Description: NICKEL/COPPER MINE
Approval Years: 92,93,94,95,96,97
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 142
Waste Class Name: SMELTING WASTES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 243
Waste Class Name: PCB'S

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: ESSO PETROLEUM CANADA 14-607
PRT OF CPR IGNACE STN.GROUNDS, HWY#17 C/O 363 FALCONBRIDGE ROAD SUDBURY ON P3E 4N3

Database:
GEN

Generator No: ON0552320
SIC Code: 5111
SIC Description: PETROLEUM PROD., WH.
Approval Years: 92,93,94,95,96,97,98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: INCO (SEE&USE ON0016008) LIMITED
OXYGEN PLANT, LOT 12, CONC.3, MCKIM TWP C/O COPPER CLIFF SUDBURY ON P0M 1N0

Database:
GEN

Generator No: ON0016021
SIC Code: 0613
SIC Description: NICKEL/COPPER MINE
Approval Years: 98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 142
Waste Class Name: SMELTING WASTES

Waste Class: 146
Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Waste Class: 243
Waste Class Name: PCB'S

Waste Class: 251
Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Class: 252
Waste Class Name: WASTE OILS & LUBRICANTS

Site: **KINGSWAY TRANSPORTS LTD ATTN FRED KING**
PIONEER RD SUDBURY ON

Database:
PRT

Location ID: 14457
Type: private
Expiry Date:
Capacity (L): 31822.00
Licence #: 0001046302

Site: **Vale Canada Limited**
Lot 12, Concession 3, Geographic Township of McKim Lot 1, Concession 4, Geographic Township of Snider City of
Greater Sudbury, District of Sudbury MCKIM SNIDER ON

Database:
PTTW

EBR Registry No: 012-0507
Ministry Ref No: 6262-9DPM6F
Notice Type: Instrument Decision
Notice Stage:
Notice Date: March 25, 2014
Proposal Date: November 29, 2013
Year: 2013
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Vale Canada Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 337 Power Street, Copper Cliff Ontario, Canada P0M 1N0
Comment Period:
URL:

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

Site Location Details:

Lot 12, Concession 3, Geographic Township of McKim Lot 1, Concession 4, Geographic Township of Snider City of Greater Sudbury, District of Sudbury
MCKIM SNIDER

Site: **PIONEER PETROLEUMS LIMITED**
HWY 17 E SUDBURY ON P0M 3C0

Database:
RST

Headcode: 1186800
Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas
Phone: 7056945255
List Name:
Description:

Site: **BLUEBERRY STATION**
HWY 17 SUDBURY ON P0M 3E0

Database:
RST

Headcode: 1186800
Headcode Desc: Service Stations-Gasoline, Oil & Natural Gas
Phone: 7058660001
List Name:
Description:

Site: **Union Gas Limited**
Main Street Markstay-Warren ON

Database:
SPL

Ref No: 4161-AYDJV2
Municipality No:

Year:		Nature of Damage:	
Incident Dt:	2018/05/02	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	2018/05/02	Health/Env Conseq:	2 - Minor Environment
Dt Document Closed:	2018/05/11	Agency Involved:	
Site No:	NA		
MOE Response:	No		
Site County/District:	District of Sudbury		
Site Geo Ref Meth:			
Site District Office:	Sudbury		
Nearest Watercourse:			
Site Name:	Purge Valve<UNOFFICIAL>		
Site Address:	Main Street		
Site Region:	Northern		
Site Municipality:	Markstay-Warren		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:			
Incident Event:	Application		
Environment Impact:			
Nature of Impact:			
Contaminant Qty:	0 other - see incident description		
System Facility Address:			
Client Name:	Union Gas Limited		
Client Type:	Corporation		
Source Type:	Pipeline/Components		
Contaminant Code:	35		
Contaminant Name:	NATURAL GAS (METHANE)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:	1075		
Receiving Medium:	Air		
Incident Reason:	Maintenance		
Incident Summary:	TSSA FSB: Notification of natural gas release		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:	Miscellaneous Industrial		
SAC Action Class:	Air Spills - Gases and Vapours		
Call Report Locatn Geodata:			

Site: Challenger Motor Freight Inc.
LOT Hwy 17 (West on Nairn Centre) Greater Sudbury ON

Database:
SPL

Ref No:	7661-88D7ZL	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:		Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	8/16/2010	Health/Env Conseq:	
Dt Document Closed:	8/26/2010	Agency Involved:	
Site No:			
MOE Response:	Planned Field Response		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Jeremy's Truck Stop		
Site Address:			
Site Region:			
Site Municipality:			
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			

Site Map Datum:
Northing: NA
Easting: NA
Incident Cause: Other Transport Accident
Incident Event:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code: 13
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Spill
Incident Summary: Challenger Freight: TT diesel spill to Hwy 17.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Highway Spills (usually highway accidents)
Call Report Locatn Geodata:

Site: Gentek Building Products Limited
 Highway 17 Hwy E Greater Sudbury ON

Database:
 SPL

Ref No: 1666-7PNG6B Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: 2/27/2009 Dt Document Closed: Site No: MOE Response: Deferred Field Response Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: Highway 17 -0.5km East of the Garson-Coniston Road Site Address: Site Region: Site Municipality: Greater Sudbury Site Lot: Site Conc: Site Geo Ref Accu: Site Map Datum: Northing: NA Easting: NA Incident Cause: Incident Event: Environment Impact: Possible Nature of Impact: Soil Contamination Contaminant Qty: 350 L System Facility Address: Client Name: Gentek Building Products Limited Client Type: Source Type: Contaminant Code: Contaminant Name: DIESEL FUEL Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium:	Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:
---	--

Incident Reason:
Incident Summary: Jentech Inc: MVA - TT leaking diesel on rd and ditch
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Transport Truck
SAC Action Class: Land Spills
Call Report Locatn Geodata:

Site: Union Gas Limited
closest address - 350m from Six Mountain Rd. Markstay-Warren ON

Database:
[SPL](#)

Ref No: 8640-ABCK3T
Year:
Incident Dt: 2016/06/28
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/06/28
Dt Document Closed: 2016/08/16
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: controlled blowdown<UNOFFICIAL>
Site Address: closest address - 350m from Six Mountain Rd.
Site Region:
Site Municipality: Markstay-Warren
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause:
Incident Event: Other
Environment Impact:
Nature of Impact:
Contaminant Qty: 0 other - see incident description
System Facility Address:
Client Name: Union Gas Limited
Client Type:
Source Type:
Contaminant Code: 35
Contaminant Name: NATURAL GAS (METHANE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Air
Incident Reason: Maintenance
Incident Summary: Union Gas - controlled blowdown for ~2hrs, possible noise
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Miscellaneous Communal
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Call Report Locatn Geodata:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

Site: Boutin Groupe
Hwy 17 E of Sudbury Greater Sudbury ON NA

Database:
[SPL](#)

Ref No: 5513-AYLTYF
Year:
Incident Dt: 2018/05/09
Dt MOE Arvl on Scn: 2018/05/10
MOE Reported Dt: 2018/05/09
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment

Dt Document Closed:		Agency Involved:
Site No:	6800-6SPHLJ	
MOE Response:	Yes	
Site County/District:	District of Sudbury	
Site Geo Ref Meth:	NA	
Site District Office:	Sudbury	
Nearest Watercourse:		
Site Name:	Hwy 17 East of Sudbury	
Site Address:	Hwy 17 E of Sudbury	
Site Region:	Northern	
Site Municipality:	Greater Sudbury	
Site Lot:		
Site Conc:	NA	
Site Geo Ref Accu:	NA	
Site Map Datum:	NA	
Northing:	NA	
Easting:	NA	
Incident Cause:		
Incident Event:	Collision/Accident	
Environment Impact:		
Nature of Impact:		
Contaminant Qty:	100 L	
System Facility Address:		
Client Name:	Boutin Groupe	
Client Type:	Corporation	
Source Type:	Truck - Only Saddle Tanks	
Contaminant Code:	13	
Contaminant Name:	DIESEL FUEL	
Contaminant Limit 1:		
Contam Limit Freq 1:		
Contaminant UN No 1:	1202	
Receiving Medium:	Land; Surface Water	
Incident Reason:	Other	
Incident Summary:	OPP: TT Fire, 100L Diesel to Ground	
Activity Preceding Spill:		
Property 2nd Watershed:		
Property Tertiary Watershed:		
Sector Type:	Miscellaneous Industrial	
SAC Action Class:	Highway Spills (usually highway accidents)	
Call Report Locatn Geodata:		

Site: Hwy 17 East of Sudbury
Hwy 17 East of Sudbury Greater Sudbury ON

Database:
SPL

Ref No:	6020-6SNPXV	Municipality No:
Year:		Nature of Damage:
Incident Dt:	8/14/2006	Discharger Report:
Dt MOE Arvl on Scn:		Material Group:
MOE Reported Dt:	8/14/2006	Health/Env Conseq:
Dt Document Closed:		Agency Involved:
Site No:		
MOE Response:		
Site County/District:		
Site Geo Ref Meth:		
Site District Office:	Sudbury	
Nearest Watercourse:		
Site Name:	Hwy 17 East of Sudbury	
Site Address:	Hwy 17 East of Sudbury	
Site Region:		
Site Municipality:	Greater Sudbury	
Site Lot:		
Site Conc:		
Site Geo Ref Accu:		
Site Map Datum:		
Northing:		
Easting:	NA	
Incident Cause:		

Incident Event:
Environment Impact: Possible
Nature of Impact:
Contaminant Qty: Not Specified Not Specified
System Facility Address:
Client Name: Sudbury Unknown
Client Type:
Source Type: Other
Contaminant Code: 12
Contaminant Name: GASOLINE
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Negligence (Apparent) - Caused by lack of diligence
Incident Summary: Sudbury - 20 mile, one lane wide gasoline spill on Hwy
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: Pollard Highway Products
 Hwy 17 Greater Sudbury ON

Database:
 SPL

Ref No:	2354-629JT9	Municipality No:	
Year:		Nature of Damage:	
Incident Dt:	6/24/2004	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	Chemical
MOE Reported Dt:	6/24/2004	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:	Sudbury		
Nearest Watercourse:			
Site Name:	HWY 17, BETWEEN ESPANOLA AND VERNER		
Site Address:			
Site Region:	Northern		
Site Municipality:	Greater Sudbury		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:	NA		
Easting:	NA		
Incident Cause:	Other Transport Accident		
Incident Event:			
Environment Impact:	Possible		
Nature of Impact:	Soil Contamination		
Contaminant Qty:	9080 L		
System Facility Address:			
Client Name:	Pollard Highway Products		
Client Type:			
Source Type:			
Contaminant Code:	28		
Contaminant Name:	LIQUID CALCIUM (N.O.S.)		
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	Land		
Incident Reason:	Equipment Failure		
Incident Summary:	Pollard Prod,9080 L liquid calcium chloride to hwy		
Activity Preceding Spill:			
Property 2nd Watershed:			

Property Tertiary Watershed:
Sector Type: Transport Truck
SAC Action Class: Spill to Highway (Accident)
Call Report Locatn Geodata:

Site: **City of Greater Sudbury**
Main Street, Chelmsford Greater Sudbury ON

Database:
SPL

Ref No: 2065-5ZURLK
Year:
Incident Dt: 6/11/2004
Dt MOE Arvl on Scn:
MOE Reported Dt: 6/11/2004
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office: Sudbury
Nearest Watercourse:
Site Name: HYDRANTS 8-21, 8-116, 8-93<UNOFFICIAL>
Site Address:
Site Region: Northern
Site Municipality: Greater Sudbury
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Discharge Or Bypass To A Watercourse
Incident Event:
Environment Impact: Confirmed
Nature of Impact: Surface Water Pollution
Contaminant Qty:
System Facility Address:
Client Name: City of Greater Sudbury
Client Type:
Source Type:
Contaminant Code: 99
Contaminant Name: WATER (HIGH CHLORINE)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Water
Incident Reason: Vandalism - Illegal/deliberate (incl. sabotage)
Incident Summary: Sudbury Hydrants: Unkn quant cl water to cr
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Miscellaneous
Health/Env Conseq:
Agency Involved:

Site: **Hydro One Networks Inc.**
HWY 17, OIL SPILL, HAGAR Greater Sudbury ON

Database:
SPL

Ref No: 2574-5MYU4X
Year:
Incident Dt: 5/28/2003
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/28/2003
Dt Document Closed:
Site No:
MOE Response:
Site County/District:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group: Oil
Health/Env Conseq:
Agency Involved:

Site Geo Ref Meth:
Site District Office: Sudbury
Nearest Watercourse:
Site Name: HWY 17, OIL SPILL, HAGAR
Site Address:
Site Region: Northern
Site Municipality: Greater Sudbury
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing: NA
Easting: NA
Incident Cause:
Incident Event:
Environment Impact: Possible
Nature of Impact:
Contaminant Qty: 517 L
System Facility Address:
Client Name: Hydro One Networks Inc.
Client Type:
Source Type:
Contaminant Code: 15
Contaminant Name: TRANSFORMER OIL (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: Land
Incident Reason:
Incident Summary: 270 litres transformer oil to ground.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Spills
Call Report Locatn Geodata:

Site: PUC
 PUMPING STATION MAIN ST., CHELMSFORD PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER
 SUDBURY R.M. ON

Database:
[SPL](#)

Ref No:	994	Municipality No:	23000
Year:		Nature of Damage:	
Incident Dt:	1/1/1988	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	1/1/1988	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	REG. MUN. OF SUDBURY
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SUDBURY R.M.		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	WASTEWATER DISCHARGE TO WATERCOURSE		
Incident Event:			
Environment Impact:	NOT ANTICIPATED		
Nature of Impact:			

Contaminant Qty:
 System Facility Address:
 Client Name:
 Client Type:
 Source Type:
 Contaminant Code:
 Contaminant Name:
 Contaminant Limit 1:
 Contam Limit Freq 1:
 Contaminant UN No 1:
 Receiving Medium: WATER
 Incident Reason: POWER INTERRUPTION
 Incident Summary: REG. MUN. SUDBURY - SEW- AGE BYPASS FOR 40 MIN. (UNCHLORINATED)
 Activity Preceding Spill:
 Property 2nd Watershed:
 Property Tertiary Watershed:
 Sector Type:
 SAC Action Class:
 Call Report Locatn Geodata:

Site: TRANSPORT TRUCK
 HWY17 20 MILES WEST OF SUDBURY TRANSPORT TRUCK (CARGO) SUDBURY R.M. ON

Database:
 SPL

Ref No:	29927	Municipality No:	23000
Year:		Nature of Damage:	
Incident Dt:	1/16/1990	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	1/16/1990	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	M.T.O. F.D.
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SUDBURY R.M.		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CONTAINER LEAK		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:			
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Incident Reason:	EQUIPMENT FAILURE		
Incident Summary:	TRUCK SADDLE TANK-250 L DIESEL FUEL TO HWY AND DITCH.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			

Site: TRANSPORT TRUCK
HWY 17 EAST IN FRONT OF MID NORTH MOTORS MOTOR VEHICLE (OPERATING FLUID) SUDBURY CITY ON

Database:
SPL

Ref No: 69928 Municipality No: 23101
Year: Nature of Damage:
Incident Dt: 5/1/1992 Discharger Report:
Dt MOE Arvl on Scn: Material Group:
MOE Reported Dt: 5/1/1992 Health/Env Conseq:
Dt Document Closed: Agency Involved: PD,MOE,
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: SUDBURY CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Surface Water Pollution
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND / WATER
Incident Reason: ERROR
Incident Summary: TRANSPORT TRUCK-UNKNOWN QTY OF GASOLINE TO DITCH AND CREEK,PD,MOE ENROUTE.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: TRANSPORT TRUCK
ON HWY. 17 EAST JUST OUTSIDE OF SUDBURY CITY LIMITS MOTOR VEHICLE (OPERATING FLUID) SUDBURY CITY ON

Database:
SPL

Ref No: 74948 Municipality No: 23101
Year: Nature of Damage:
Incident Dt: 8/18/1992 Discharger Report:
Dt MOE Arvl on Scn: Material Group:
MOE Reported Dt: 8/19/1992 Health/Env Conseq:
Dt Document Closed: Agency Involved: OPP,
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:

Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: SUDBURY CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER TRANSPORTATION ACCIDENT
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: ADVERSE ROAD CONDITION
Incident Summary: 300 L OF DIESEL FUEL TO HWY. FROM PUNCTURED SADDLE TANK ON TRANSPORT.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: PRIVATE RESIDENCE
 NEPEWASSI LAKE WELL/DRINKING WATER SOURCE SUDBURY DISTRICT ON

Database:
 SPL

Ref No:	85824	Municipality No:	88000
Year:		Nature of Damage:	
Incident Dt:	5/19/1993	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	5/19/1993	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SUDBURY DISTRICT		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Multi Media Pollution		
Contaminant Qty:			
System Facility Address:			
Client Name:			

Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND / WATER
Incident Reason: UNKNOWN
Incident Summary: PRIVATE WATER/WELL-UKN QTY HYDRAULIC OIL TO LAKEFROM SPILL ONSHORE.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: TRANSPORT TRUCK
 HWY 17 EAST, NEAR THE SHELL GAS BAR IN WARREN MOTOR VEHICLE (OPERATING FLUID) SUDBURY
 DISTRICT ON

Database:
 SPL

Ref No:	137046	Municipality No:	88000
Year:		Nature of Damage:	
Incident Dt:	2/10/1997	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	2/10/1997	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	OPP, MTO
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SUDBURY DISTRICT		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER TRANSPORTATION ACCIDENT		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Multi Media Pollution		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Incident Reason:	UNKNOWN		
Incident Summary:	TRANSPORT TRUCK: 100 L DIESEL TO SIDE OF HWY 17,OPP, MTO, CONTAINED.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			

Site: ONTARIO HYDRO SERVICES COMPANY
HAGAR TWP. LOT 12 CON 3 TRANSFORMER MARKSTAY-WARREN MUNICIPALITY ON

Database:
[SPL](#)

Ref No: 170503 **Municipality No:** 88412
Year: **Nature of Damage:**
Incident Dt: 7/16/1999 **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 7/21/1999 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:**
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: MARKSTAY-WARREN MUNICIPALITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Environment Impact: POSSIBLE
Nature of Impact: Soil contamination
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: STORM/FLOOD/WIND
Incident Summary: ONT HYDRO- 25 L NON-PCB TRANSFORMER OIL TO GROUND
Activity Preceding Spill: CLEAN UP COMP'D 99/07/16
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: TRANSPORT TRUCK
34 KM EAST OF SUDBURY ON HWY. 17. TRANSPORT TRUCK (CARGO) SUDBURY ON

Database:
[SPL](#)

Ref No: 182516 **Municipality No:** 88000
Year: **Nature of Damage:**
Incident Dt: 6/21/2000 **Discharger Report:**
Dt MOE Arvl on Scn: **Material Group:**
MOE Reported Dt: 6/21/2000 **Health/Env Conseq:**
Dt Document Closed: **Agency Involved:**
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:

Site Region:
Site Municipality: SUDBURY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Event:
Environment Impact: CONFIRMED
Nature of Impact: Water course or lake
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND/WATER
Incident Reason: UNKNOWN
Incident Summary: VILLENUEVE TRUCKING: 34000L MILK TO SWAMPY AREA, CONTAINED. P/D, F/D
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: TRUCK
 HWY 17/BY-PASS TRANSPORT TRUCK (CARGO) SUDBURY ON

Database:
 SPL

Ref No:	185255	Municipality No:	23103
Year:		Nature of Damage:	
Incident Dt:	8/8/2000	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	8/8/2000	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	SUDBURY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	VALVE/FITTING LEAK OR FAILURE		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Soil contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			

Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: NEGLIGENCE (APPARENT)
Incident Summary: BACK ENTRY: NORVAC-LS KOSOWAN LTD: UKN QTY LIME TO ROAD. VALVE LEFT OPEN
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: MOTOR VEHICLE
HWY 17, E OF HAGAR, CLOSE TO HWY 535 MOTOR VEHICLE (OPERATING FLUID) GREATER SUDBURY CITY ON
Database: [SPL](#)

Ref No: 225562
Year:
Incident Dt: 5/15/2002
Dt MOE Arvl on Scn:
MOE Reported Dt: 5/15/2002
Dt Document Closed:
Site No:
MOE Response:
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name:
Site Address:
Site Region:
Site Municipality: GREATER SUDBURY CITY
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Event:
Environment Impact: NOT ANTICIPATED
Nature of Impact: Water course or lake
Contaminant Qty:
System Facility Address:
Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: OTHER
Incident Summary: MOTOR VEHICLE- DIESEL TO SHOULDER DUE TO MVA. CLEANED.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Site: TRANSPORT TRUCK
HUSKY FUEL STATION ON HWY 17, JUST OUTSIDE SUDBURY MOTOR VEHICLE (OPERATING FLUID) GREATER
Database: [SPL](#)

SUDBURY CITY ON

Ref No:	235280	Municipality No:	23103
Year:		Nature of Damage:	
Incident Dt:	8/9/2002	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	8/9/2002	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	MTO
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	GREATER SUDBURY CITY		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	PIPE/HOSE LEAK		
Incident Event:			
Environment Impact:	POSSIBLE		
Nature of Impact:	Soil contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			
Source Type:			
Contaminant Code:			
Contaminant Name:			
Contaminant Limit 1:			
Contam Limit Freq 1:			
Contaminant UN No 1:			
Receiving Medium:	LAND		
Incident Reason:	ADVERSE ROAD CONDITION		
Incident Summary:	ENJ JOHNSON TRUCKING: 6L DIESEL TO HWY/LOT FM BROKEN FUEL LINE.		
Activity Preceding Spill:			
Property 2nd Watershed:			
Property Tertiary Watershed:			
Sector Type:			
SAC Action Class:			
Call Report Locatn Geodata:			

Site: SUDBURY, CITY OF
HIGHWAY NO. 17 SUDBURY, CITY ON

Database:
WDS

Approval No:	A540204	Total Area (ha):	18.5
Mob Unit Cert No:		Landfill Cap (m³):	0
EBR Registry No:		Transfer Area (ha):	0
Status:	Approved	Transfer Cap (m³):	0
Facility Type:	Landfill	Transfer Cert No:	
Record Type:		Inciner. Area (ha):	0
Link Source:		Inciner. Cap (t):	0
Project Type:		Process Area (m³):	0
Application Status:		Process Cap (m³/d):	0
Issue Date:	02/21/1996	Process Vol (m³):	0
Input Date:	2/22/96	Process Feed (m³):	0
Date Received:	4/13/95	Site Concession:	4
Est Closure Date:		Site Region/County:	SUDBURY, REGIONAL MUNICIPALITY
Mobile Capacity:	0	SWP Area Name:	
Mobile Units:		MOE District:	
Mobile Description:		District Office:	

Prop City: ONTARIO, SUDBURY
Prop Postal: P3A-5W5
Prop Phone: 705-673-2171
Serial Link: 540204
Approval Type:
Proponent: SUDBURY, REG. MUN. OF
Prop Address: BAG 3700 STATION 'A'
Proponent County/District:
Full Address:
Site Lot: 8 & 9
Waste Class Code:
Waste Class:
Waste Type: domestic, commercial, non-hazardous solid-industrial
Waste Type Other: No
Waste Description:
Landfill Monitoring: leachate, groundwater, surface water
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served: CITY OF SUDBURY
Approval Description:
Other Approvals/Permits:
PDF URL:
PDF Site Location:

Latitude:
Longitude:
Geometry X:
Geometry Y:

Site:
 lot 12 con 4 ON

Database:
 WWIS

Well ID:	5907672	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/05/1999
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	203026	Contractor:	1462
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	SUDBURY
Elevatn Reliabilty:		Lot:	012
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	HENDRIE TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10425361	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/15/1999	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 932450755
Layer: 2
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932450754
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2: 81
Mat2 Desc: SANDY
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932450756
Layer: 3
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 242.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965907672
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10973931
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930692686
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930692687
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 242.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995907672
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 242.0
Recommended Pump Depth: 140.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Water Details

Water ID: 933908844
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 237.0
Water Found Depth UOM: ft

Site:

PART OF LOT 12 lot 12 con 4 SUDBURY ON

Database:
[WWIS](#)

Well ID: 7141997
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Abandoned-Other
Water Type:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src:
Date Received: 03/24/2010
Selected Flag: TRUE

Casing Material:		Abandonment Rec:	Yes
Audit No:	Z106241	Contractor:	7284
Tag:		Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	SUDBURY
Elevatn Reliabilty:		Lot:	012
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	SUDBURY CITY		
Site Info:			

Bore Hole Information

Bore Hole ID:	1002952407	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	9
Date Completed:	02/18/2010	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment

Sealing Record

Plug ID:	1003154066
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003154070
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1003154063
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003154068
Layer:	
Material:	
Open Hole or Material:	
Depth From:	

Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003154069
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Water Details

Water ID: 1003154067
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003154065
Diameter:
Depth From:
Depth To:
Hole Depth UOM: m
Hole Diameter UOM: cm

Site:
lot 12 con 4 ON

Database:
[WWIS](#)

Well ID: 5907777
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 203556
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HENDRIE TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/29/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6344
Form Version: 1
Owner:
County: SUDBURY
Lot: 012
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10425466
DP2BR:
Spatial Status:
Code OB:
Elevation:
Elevrc:
Zone:
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/05/2000
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83:
Org CS:
UTMRC:
UTMRC Desc: 9
Location Method: unknown UTM
na

Overburden and Bedrock
Materials Interval

Formation ID: 932451040
Layer: 4
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 110.0
Formation End Depth: 155.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932451041
Layer: 5
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 155.0
Formation End Depth: 170.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932451044
Layer: 8
Color: 6
General Color: BROWN
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 197.0
Formation End Depth: 230.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 932451039
Layer: 3
Color: 6
General Color: BROWN
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932451042
Layer: 6
Color: 6
General Color: BROWN
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 170.0
Formation End Depth: 190.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932451038
Layer: 2
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932451043
Layer: 7
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 190.0
Formation End Depth: 197.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932451037
Layer: 1
Color: 7
General Color: RED
Mat1: 11
Most Common Material: GRAVEL
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933200358
Layer: 1
Plug From: 5.0
Plug To: 20.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 965907777
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10974036
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930692869
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 230.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930692868
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20.0
Casing Diameter: 6.0
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 995907777
Pump Set At:
Static Level: 0.0
Final Level After Pumping: 230.0
Recommended Pump Depth: 220.0
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934856175
Test Type: Draw Down
Test Duration: 45
Test Level: 230.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935114922
Test Type: Draw Down
Test Duration: 60
Test Level: 230.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934600036
Test Type: Draw Down
Test Duration: 30
Test Level: 230.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934330248
Test Type: Draw Down
Test Duration: 15
Test Level: 150.0
Test Level UOM: ft

Water Details

Water ID: 933908996
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 138.0
Water Found Depth UOM: ft

Water Details

Water ID: 933908998
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 190.0
Water Found Depth UOM: ft

Water Details

Water ID: 933908999
Layer: 4
Kind Code: 1
Kind: FRESH
Water Found Depth: 205.0
Water Found Depth UOM: ft

Water Details

Water ID: 933908997
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 170.0
Water Found Depth UOM: ft

Site:

lot 12 con 4 ON

Database:
[WWIS](#)

Well ID: 5907673
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 203025
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: HENDRIE TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 08/05/1999
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1462
Form Version: 1
Owner:
County: SUDBURY
Lot: 012
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10425362
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/14/1999
Remarks:
Loc Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Elevation:
Elevrc:
Zone:
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 932450758
Layer: 2
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 6.0
Formation End Depth: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932450760
Layer: 4
Color: 7
General Color: RED
Mat1: 21
Most Common Material: GRANITE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 163.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932450757
Layer: 1
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 6.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932450759
Layer: 3
Color: 2
General Color: GREY
Mat1: 21
Most Common Material: GRANITE
Mat2:

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 15.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 965907673
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10973932
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930692688
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930692689
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 162.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 995907673
Pump Set At:
Static Level: 13.0
Final Level After Pumping: 162.0
Recommended Pump Depth:
Pumping Rate: 3.0
Flowing Rate:
Recommended Pump Rate: 3.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Water Details

Water ID:	933908845
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	149.0
Water Found Depth UOM:	ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Oct 31, 2023

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 2022

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: Oct 2023

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-Oct 31, 2023

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 -Nov 2023

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-Jan 2024

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jan 31, 2024

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 - Aug 2023

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: Oct 2023

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-Jan 31, 2024

Environmental Registry:

Provincial

[EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994 - Jan 31, 2024

Environmental Compliance Approval:

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Jan 31, 2024

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-Dec 31, 2023

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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022**Environmental Penalty Annual Report:**

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022**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: Oct 2023**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-Oct 2023**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: Oct 31, 2021**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: Oct 2023

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-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2021

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: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

[MNR](#)

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

Government Publication Date: 1846-Feb 2024

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, 2022

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-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

[NPR2](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

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 29, 2024**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

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

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

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Jan 31, 2024

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- Jan 31, 2024

NPRI Reporters - PFAS Substances:

Federal

[PFCH](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

[PFHA](#)

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994 - Jan 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

[REC](#)

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

Government Publication Date: 1986-1990, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2024

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-Oct 31, 2023

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

Government Publication Date: 1988-Jan 2023; May 2023-Dec 2023

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Jan 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Appendix C - Qualification of Assessor

Yves Beauparlant, P.Eng.

Manager, Earth and Environmental Services Northeastern Ontario

Professional Registrations

- P.Eng. – Professional Engineers Ontario (PEO)

Education + Training

- B.Eng. Civil Engineering – Structural and Geotechnical Engineering Option, University of Ottawa, 2001

Languages Spoken

- English
- French

Yves Beauparlant joined EXP Services Inc. in 2010 and has worked as a geotechnical consultant as well as a field quality control inspector during his professional career. He has broad experience in a wide range of geotechnical projects including roads, bridges, low rise and high-rise structures, shallow and deep foundations, and slope investigations. Project clients range from federal, provincial, municipal governments as well as residential and commercial developers, contractors, and private owners. More recently Mr. Beauparlant has been involved in the completion of several Environmental Site Assessment Phase I and II, as well as Designated Substance Surveys. He has good field experience and management experience and is currently the Manager of Geotechnical and Environmental Services for Northeastern Ontario, as well as Office Manager for EXP's Sudbury office.

Project Experience

Valley Well Retrofits, Various Locations, Sudbury, Ontario Canada

Acted as Project Manager, EXP's scope of work included a geotechnical investigation for the proposed well additions to house new fluoridation equipment. (Fee's \$8,000)

Various Streets – Watermain Reconstruction, Coniston, Ontario, Canada

During the design phase a geotechnical investigation was requested. Mr. Beauparlant acted as senior engineer for the completion of the watermain geotechnical investigation. Geotechnical services were provided by EXP to support the City of Greater Sudbury with their reconstruction project. (Fee's \$6,000)

Meadowbrook Retirement Home Additions, Lively, Ontario Canada

Acted as Project Manager, EXP's scope of work included a geotechnical investigation and material testing and inspection during the construction of the new additions to the Meadowbrook facility. (Fee's \$150,000)

PET and LEARNERS Additions, Health Sciences North, Sudbury, Ontario Canada

Acted as Project Manager, EXP's scope of work included a geotechnical investigation, seismic site classification and material testing and inspection during the construction of the new additions to Health Sciences North Hospital facility. (Fee's \$45,000)

Yves Beauparlant, P.Eng. - *continued***Manager, Earth and Environmental Services Northeastern Ontario****Hwy 6 Reconstruction, Espanola, Ontario, Canada**

Acted as Sr. reviewer for the geotechnical investigations for the reconstruction of approximately 2.0 km of Hwy 6 through Espanola, Ontario. Geotechnical recommendations were provided for the pavement structure design over the varying soil conditions as well as site servicing recommendations. During the construction Mr. Beauparlant also acted as the Project Manager for material testing services. (Fee's \$75,000)

Laurentian University School of Architecture, Sudbury, Ontario Canada

Acted as Project Manager, EXP's scope of work included a geotechnical investigation, Phase I and II Environmental Site Assessments, Designated Substance Survey's (DSS), screening level Risk Assessment, Dewatering Plan and Permit to Take Water, a site Health and Safety Plan and associated material testing during the construction of the new School of Architecture. (Fee's \$250,000)

KGHM Victoria Mine General Site Configuration, Sudbury, Ontario Canada

Acted as Project Manager and Sr. Geotechnical Engineer. EXP's scope of work included a geotechnical investigation for the design of the 230 kV hydro line, substation, PAG storage area, new headframe, hoist house, waste ponds, etc... (Fee's \$250,000)

Sudbury INO Process Gas Project (Phase 2A and 2B), Sudbury, Ontario Canada

Acted as Project Manager and Sr. Geotechnical Engineer. EXP's scope of work included a geotechnical investigation for various new infrastructure as part of the Falconbridge Smelter Complex PGP updates. Such structures included secondary fan building, substation, acid plant, slag hauler access, concentrate and custom feed handling structure, concentrate storage building and a thaw shed. (Fee's \$250,000)

Laurentian University Sudbury Campus Modernization Project, Sudbury, Ontario Canada

Acted as Project Manager for the completion of a geotechnical investigation and limited Phase II Environmental Site Assessments for the proposed modernization project at the main Laurentian University Campus in Sudbury, ON. The work was required for two proposed additions and the complete reconstruction of one structure. (Fee's \$80,000)

Sudbury INO Onaping Deep, Sudbury, Ontario Canada

Acted as Project Manager and Sr. Geotechnical Engineer. EXP's scope of work included a geotechnical investigation for various new infrastructure as part of the Onaping Deep Project. Such structures included new fans, heater/bulk air cooler building, refrigeration building, e-house and substations, cooling towers, mixing building, switching station, filter/drying building, storage building and temporary office facilities. (Fee's \$150,000)

Vale Canada Copper Cliff Deep, Sudbury, Ontario Canada

Acted as Project Manager and Sr. Geotechnical Engineer. EXP's scope of work included a geotechnical investigation for various new infrastructure as part of the Copper Cliff Deep Project. Such structures included new fans, substation, various storage facilities, underground services and temporary office facilities. (Fee's \$90,000)

Municipal Road 4 Upgrades, Sudbury, Ontario, Canada

Acted as Sr. reviewer for a geotechnical and foundation investigations for the upgrade of 8.8 km of Municipal Road 4 in Sudbury, Ontario. Geotechnical recommendations were provided for the pavement structure design over the varying soil conditions; slope stability assessments for proposed roadway embankments; and long-term consolidation analyses and recommendations for the highly compressible native, organic soils. (Fee's \$100,000)

Yves Beauparlant, P.Eng. - *continued***Manager, Earth and Environmental Services Northeastern Ontario****Bancroft Drive and Levesque Street Reconstruction, City of Greater Sudbury, Ontario, Canada**

As project manager and senior engineer. Sections of Bancroft Drive and Levesque Street are proposed to be reconstructed. Reconstruction will consist of the installation of new sanitary and watermain services, along with road widening and complete road reconstruction. Geotechnical services were provided by EXP to support the City of Greater Sudbury with their reconstruction project. (Fee's \$15,000)

Various Bridge/Culvert Replacements, Wawa, Ontario

As project manager and senior engineer, the project entailed providing geotechnical investigation and design services for the replacement of the Silver Falls Bridge, Wawa Bridge, Catfish Creek Culvert, and Government Road Culvert in Wawa, Ontario. Structural failure and washout had occurred as a result of major flooding leading the required replacement of the structures. Shallow and deep foundation recommendations were provided for the bridge replacements, as well as culvert replacement recommendations, embankment slope stability analyses and erosion/seepage recommendations. (Fee's \$90,000)

International Bridge Plaza Modernization, Sault Ste. Marie, Ontario, Canada

As project manager and senior engineer, the project entailed a geotechnical investigation and design recommendations, for the modernization of the International Bridge Plaza in Sault Ste. Marie. The geotechnical recommendations included foundation design options, asphalt and concrete pavement recommendation. The project also included chemical characterization of onsite soils to determine disposal options of surplus materials during construction. (Fee's \$35,000)

Highway 64 Widening, Alban, Ontario, Canada

Acted as Sr. Reviewer for a geotechnical investigation to provide widening recommendations for Highway 64 to allow for access to a new residential development in Alban, Ontario. Pavement structure design recommendations were provided for a new slip-around lane. (Fee's \$15,000)

Raising of the NUT containment dam at the Kam Kotia Site, for the Ontario Ministry of Northern Development and Mines (MNDM), Kam Kotia/Timmins, Ontario, Canada

As project manager and senior engineer, the project entailed the determining the volume and sourcing of on-site sand and clay to be used for the dam raise. The existing dam design were reviewed along with the completion of a geotechnical investigation to determine the stability of the dam following the raising of the dam. Hydraulic studies were completed along with a full spillway design, dam raising design, and the completion of contract drawings and specifications to be used for the final construction. (Fee's \$150,000)

Designated Substance Survey of 3 locations, Sudbury, ON, for the City of Greater Sudbury

Acted as project manager and engineer for the completion and reporting of the Designated Substance Survey for 3 residential structures for the City of Greater Sudbury. The DSS was required for demolition. (Fee's \$3,500)

Designated Substance Survey of 7 Serpentine Street, Copper Cliff, ON, for the City of Greater Sudbury

Acted as senior reviewer and engineer for the completion and reporting of the Designated Substance Survey for the Copper Cliff Fire Hall. The DSS was required as part of renovations/demolition that are proposed in the near future. (Fee's \$10,000)

Phase I and II ESA's, Various Ontario Provincial Police Firing Ranges, Throughout Northeastern, ON

Acted as senior engineer for the completion and reporting of the Phase I and II ESA's completed at various Ontario Provincial Police Firing Ranges, throughout Northeastern Ontario. (Fee's \$30,000)

Yves Beauparlant, P.Eng. - *continued***Manager, Earth and Environmental Services Northeastern Ontario****Other Information****Employment History**

- EXP Services Inc., Manager, Earth and Environmental Services, Northeastern Ontario (Sudbury)
Employment: Summer 2012 – Present
- EXP Services Inc., Discipline Manager, Geotechnical Services (Sudbury)
Employment: Spring 2010 – Summer 2012
- Coffey Geotechnics Inc., Project Manager/Senior Engineer/Assistant Manager/Manager
Employment: Fall 2008 – Spring 2010
- Shaheen & Peaker Limited, EIT-Junior Engineer/Intermediate Engineer/Manager and Senior Engineer
Employment: Fall 2001 – Fall 2008

Appendix D - Conceptuel Site Model

Conceptual Site Model – Markstay Street Revitalization, Markstay-Warren, ON

This section presents the Conceptual Site Model (CSM), as it relates to the Site designated as the Town of Markstay in the Municipality of Markstay-Warren, Ontario. It provides a narrative and graphical description of the Site, integrating information related to the areas of potential environmental concern (APECs), potential contaminating activities (PCAs), and the potential presence and distribution of potential contaminants of concern. The CSM was completed in accordance with Ontario Regulation 153/04 (O. Reg. 153/04), as amended and defined by the Ontario Ministry of the Environment, Conservation and Parks (MECP).

1.1 Introduction

The Site consists of multiple roadways, whereby adjacent land-uses generally consist of residential and sparse commercial/institutional developments (See **Drawing A-1**). Details of the Site are as follows:

Table 1 – Site Details

Municipal Address(es)	Not Applicable
Current Land Use	Active roadways; adjacent land-uses are residential, commercial and institutional
Proposed Land Use	Active roadways; adjacent land-uses are residential, commercial and institutional
Legal Description	Not Applicable
Property Identification Number (PIN)	Not Applicable
Universal Transverse Mercator (UTM) coordinates	NAD83 17T 535119 m E, 5148974 m N (geographic centre of project)
Accuracy Estimate of UTM	10-15 m
Measurement Method	Google Earth
Site Area	~ 50 ha (~ 123 acres) – calculated area extends beyond road area
Property Owners Owner Contact Address	Municipality of Markstay-Warren 21 Main Street South, Markstay, ON

1.2 Background

A review of available historic aerial photographs (**Drawings A-4 to A-11, Appendix A**) from ERIS and Google Earth was completed. Aerial photographs from 1929 show minimal apparent residential and commercial developments in Markstay. In general, areas to the north appear cleared of trees and largely undeveloped, while central and south areas show some road and structural developments. In addition, an apparent railway can be noted spanning approximately northwest to southeast, with the Veuve River running parallel to the south. In general, the Site remained largely unchanged until 1983, whereby notable structural and road developments were noted. Specifically, significant residential developments appear present in north and east areas of the Site, while additional road developments were also noted. A review of aerial photographs from

*Excess Soil Reporting
Markstay Street Revitalization)
Markstay-Warren, Ontario
Project Number: SUD-24002582-A0
Date: April 8, 2024*

1983 to 2023 shows minor residential, commercial and institutional developments throughout the Site, with coinciding road developments. Overall, the majority of the Site has been residential since, at least, 1935, while north and east areas experienced additional residential, commercial and institutional developments to the present. In addition, based on past interviews with town representatives, a mechanic shop and historical fueling station were previously located near the Hagar and Main Street intersection, whereby notable contamination was observed at the fueling station location.

1.3 Geological and Hydrogeological Conditions

A review of Google Earth Quaternary Geology maps suggest the Site is underlain by sand, gravelly sand and gravel glaciolacustrine deposits. A review of Google Earth Bedrock Geology maps suggests bedrock beneath north and south areas of the Site consists of anorthosite and alkalic igneous gabbro and gneissic rock. In addition, central areas of the Site are underlain by migmatitic rocks and gneisses of undetermined protolith, including commonly layered biotite gneisses and migmatites, quartzofeldspathic gneisses, orthogneisses and paragneisses.

Based on a review of topographic information and the presence of waterbodies, the Site appears relatively flat, with a gentle slope towards the Veuve River to the south in south areas of the Site and west in north areas of the Site. As such, local groundwater on the Site is expected to flow approximately west-southwest in south areas of the Site and west in north areas of the Site. Note, the exact direction of groundwater flow can only be determined with a long-term groundwater elevation study.

1.4 Previous Investigations

No environmental Reports were available for the property. A geotechnical report completed by Frontop Engineering Limited was completed for the Site. General observations were as follows:

- Stratigraphy throughout the Site largely consisted of clayey silt to silty clay, silty sand to sand, gravel to gravelly sand, silt to sandy silt, organics and bedrock.
- Groundwater depths were between 0.61 to 2.58 m below ground level.
- Bedrock was relatively shallow throughout the Site.

1.5 Underground Utilities

Underground utilities are present on the Site. The utilities consist of gas and water services.

1.6 Potentially Contaminating Activities and Areas of Potential Environmental Concern:

Refer to **Table 2** below for the list of potentially contaminating activities (PCAs) that have occurred within the Study Area, which includes the Site, activities at equal or higher elevations within a 250 m radius of the Site boundaries, or activities in close proximity to the Site. The approximate locations of the PCAs (if any) are shown on **Figure A-2**. Included in **Table 3** below is a list of Areas of Potential Environmental Concern (APECs) on the Site.

Table 2 – Potentially Contaminating Activities (PCAs)

PCA Identifier	Address/Site Location	Location of Activity (in relation to Site)	Potentially Contaminating Activity (PCA) ⁽¹⁾	Description and Approximate timeline that PCA occurred	Contributes to APEC (Yes, possible or No)
1	Hagar Street and Main Street S	On-site	PCA#28 – Fuels, Oils and related products stored in fixed tanks	Former fueling station with multiple 15,000 L UST (1986)	Yes, due to close proximity to Site, nature of contaminant and confirmed observations from town staff.
2	West Adjacent to 21 Main Street S	On-Site	PCA#28 – Fuels, Oils and related products stored in fixed tanks	Former mechanic shop (closed around 1980s)	Yes, due to close proximity to Site and nature of contaminant.
3	7 Pioneer Street	30 m south	PCA#OTHER – waste generation	Wast oils and lubricants (2010)	Potential, but minimal, impact to soils located near the PCA.
4	20 Main Street	20 m east	PCA#28 – Fuels, Oils and related products stored in fixed tanks	Spill of furnace oil to ground (114 L) through pinhole leak (2009)	Potential impact to Site, due to quantity and nature of spill material
5	7 Millichamp Street	10 m, SE	PCA#OTHER – waste generation	Waste generation of aromatic solvents, paint/pigmentation/coating residues (2010)	Minimal, due to nature of PCA.
6	Railway	On-Site	PCA#46 – rail tracks and spurs	Active railway right of way crossing road	Possibly, due to duration of rail activities and location on-Site.

(1) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O. Reg 153/04, as amended) that is occurring or has occurred in a Study Area.

Table 3 – Areas of Potential Environmental Concern (APECs)

Location of potentially impacting PCA (in relation to Site)	Potentially Contaminating Activity (PCA) ⁽¹⁾	Area of Potential Environmental Concern on Site	Contaminants of Potential Concern (Soil ONLY)
Multiple locations throughout central, south-central and south areas of the Site	PCA#28 – Fuels, oils and related products PCA#OTHER – waste generation	Entire Site	PHCs + BTEX, VOC, Metals and Inorganics
On Site	PCA#30 – Fill materials of unknown quality	Entire Site (all roadways)	Metals and Inorganics
On-Site	PCA#46 – rail tracks	South-central areas of the Site (at rail crossing)	PHCs + BTEX, VOC, Metals and Inorganics

(1) Potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D (O. Reg. 153/04, as amended) that is occurring or has occurred in a Study Area.

1.7 Areas of Potential Environmental Concern

Due to the nature of each PCA, the duration of each PCA, and the assumed direction of groundwater flow, there is a moderate-high potential for impacts to the Site. In general, areas of potential environmental concern (APECs) are situated within roadways adjacent to PCAs, as shown in **Drawings A-2** and **A-3**. In addition, due to the age of roadways and the presence of fill materials of unknown quality, the roadway in its entirety could be considered an APEC.

Based on the findings of the Assessment of Past Uses and conclusions, the eventual field sampling program does not require alterations and additions from those listed in the O. Reg. 406/19, to assess the soil and groundwater conditions at the Site.

Any uncertainty or absence of information obtained during the Assessment of Past Uses could affect the validity of the model.

The CSM is considered valid with no absence of information. The research pertaining to the study Site was completed in full and considered accurate. Uncertainties are possible in soil and groundwater sampling; however, significant, prolonged PCAs were identified both on the Site and in the assumed up-gradient direction from the Site. Therefore, the potential for impacts to soil and groundwater was considered moderate-high.