



Geotechnical
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Phase I Environmental Site Assessment

708, 720 and 750 River Road
Ottawa, Ontario

Prepared For

Riverside South Development Corporation

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Report: PE5111-1

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EXECUTIVE SUMMARY

Paterson Group was retained by Riverside South Development Corporation to conduct a Phase I Environmental Site Assessment (ESA) for 708, 720 and 750 River Road, in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (Phase I-ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject properties.

The subject properties are primarily vacant undeveloped land with the exception of the following: a temporary single storey sales centre on 708 River Road, a residential dwelling present on 720 River Road and a storm water management pond developed on 750 River Road. Aside from these identified structures the majority of the subject properties are vacant land.

Based on historical research, surrounding properties historically consisted of agricultural homestead use. Some Potentially Contaminating Activities (PCAs) were identified during the historical research to the northeast and to the west across the Rideau River on Lodge Road. The identified PCAs include a retail fuel outlet, waste generator summaries of waste oils and light fuels, and a furnace oil UST spill. Based on their distances and/or cross-gradient locations from the subject properties, these PCAs are not considered to represent Areas of Potential Environmental Concern on the subject properties.

Following the historical research, a site visit was conducted to assess the subject site and Phase I ESA study area. With the exception of the temporary sales centre, residential structures and the storm water management pond, the subject properties were vacant and undeveloped. The site visit did not identify any additional PCAs for the subject property.

Conclusion

Based on the results of the Phase I - Environmental Site Assessment, it is our opinion that **a Phase II - Environmental Site Assessment is not required for the subject site.**

1.0 INTRODUCTION

At the request of Riverside South Development Corporation, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) of 708, 720 and 750 River Road, herein referred to as the subject properties, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject properties and study area and to identify any environmental concerns with the potential to have impacted the subject properties.

Paterson was engaged to conduct this Phase I ESA by Mr. Marcel Denomme of Urbandale Corporation. Mr. Denomme can be reached by telephone at (613) 731-6712.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all our findings and results of the environmental conditions at this site.

This Phase I-ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act), and also complies with the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address:	708, 720 and 750 River Road, Ottawa, Ontario.
Legal Description:	Part of Lot 20, 21 and 22, Concession D, City of Ottawa, Ontario.
Location:	The subject site is located on the west side of River Road, just south of Earl Armstrong Road Ottawa Ontario.
Latitude and Longitude:	45° 15' 51.9" N, 75° 42' 8.0" W

Site Description:

Configuration:	Rectangular
Site Area:	222,593 m ² (approximately)
Zoning:	DR – Development Reserve Zone
Current Use:	708 River Road is currently vacant, 720 River Road is currently occupied with a single residential dwelling and 750 River Road is currently vacant with the exception of a storm water management pond.
Services:	The subject properties are situated in an area with municipal water and sewer services.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- Provide a preliminary environmental site evaluation based on our findings;
- Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject properties, based on their significant distance from the site.

First Developed Use Determination

The exact date(s) of development for the subject properties are not known. However, based on the review of available aerial photographs, the first use was determined to be for agricultural homesteads. The earliest available aerial photographs from 1956, indicate that the subject properties and neighbouring lands were vacant or used for agricultural homesteads.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the area of the subject properties.

City of Ottawa Street Directories

City directories are not available for the area of the subject properties.

Plan of Survey

A drafted plan of survey completed by Annis, O’Sullivan, Vollebekk Ltd. was obtained. The plan of survey was not dated or signed, however, the subject properties are shown in their current configuration. The plan of survey is attached in Appendix 1.

Chain of Title

Based on the review of historical aerial photographs, it has been determined that the subject properties were initially developed for agricultural and residential use. As the properties are currently either vacant or used for residential use, it was determined that the information provided in a chain of title search would not contribute to the environmental assessment for the subject properties. Therefore, a chain of title search was not completed as part of this assessment.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on January 20, 2021. The subject site was not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted electronically on January 20, 2021 as part of this assessment. No PCB waste storage sites were identified in the Phase I study area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. A response from the MECP had not been received prior to the issuance of this report.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No coal gasification plants were identified within the Phase I study area.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the subject site or adjacent properties. A response from the MECP had not been received prior to the issuance of this report.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties, and the general area of the subject properties.

One (1) Record of Site Condition (RSC) was filed for 680 River Road in February 2018 (Registration Number 224273), approximately 100 metres north of the subject properties. The RSC details no remediation was necessary as no contaminants of potential concern were identified in concentrations above the applicable MECP Standards.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. No former waste disposal sites were identified within the Phase I study area.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. A response from the MECP had not been received prior to the issuance of this report.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions. A response from the MECP had not been received prior to the issuance of this report.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on January 20, 2021. The search did not reveal any natural features or areas of natural significance within the Phase I study area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch was contacted electronically on November 3, 2020. The response indicated that there are no underground storage tanks recorded in the TSSA registry for the subject property or surrounding properties.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former waste disposal sites were located within the Phase I study area.

City of Ottawa Historical Land Use Inventory

A new request of information from the City's Historical Land Use Inventory (HLUI 2005) database for the subject properties was not completed. Based on the historical review of previous engineering reports, this request was already completed in 2014. Upon review of the response from the City's HLUI database, no potentially contaminating activities were identified on the subject or adjacent properties.

ERIS Search

A database report, prepared by ERIS (Environmental Risk Information Service) dated January 21, 2021 was acquired and reviewed as part of this assessment. The complete ERIS report has been included in appendix 2.

□ On-Site Records:

The ERIS report identified sixteen (16) records associated with various on-site activities. The on-site activities include: nine (9) well water information system records, four (4) borehole records and three (3) environmental compliance approval records. These activity records were not deemed to be pertinent environmental documentations that represents an environmental risk to the subject properties.

□ Off-Site Records:

The ERIS report identified various environmental records within 250m of the subject property. The pertinent environmental records identified from the nearby properties include one (1) abandoned mining information system record, four (4) fuel storage tank records, twelve (12) waste generator summaries, three (3) pipe line incident records, one (1) record of site condition and four (4) Ontario spill records. The content of these pertinent environmental records are detailed below.

The abandoned mining information system record was filed for the Pridmore Thos Quarry located on the adjacent property north of 708 River Road. The record was details that 3 metres of unidentified limestone quarry sections were present. No additional information is provided. The property associated with this record is occupied by the Vimy Memorial Bridge of Strandherd Drive, which completed construction in 2014. Based on the proximity of the bridge and the reviewed aerial photographs, it is believed that this record is associated with the construction activities for the Vimy Memorial Bridge and is not considered a potentially contaminating activity (PCA) to the subject properties.

All four (4) fuel storage tank records are associated with the MacEwen gas station located at 685 River Road, located approximately 135 metres northeast of the subject properties. The records indicate that three (3) double walled steel tanks were installed in 2008 as part of a self-serve gas station. Two (2) of these tanks are noted to be on 25,000 Litre capacity while the third is a 50,000 Litre capacity storage tank. The MacEwen gas station is considered a PCA, however, based on the separation distance from the subject properties, it does not represent an area of potential environmental concern (APEC) to the subject properties.

Two (2) of the identified waste generator summaries are associated with a pharmacy located at 647 Earl Armstrong Road, approximately 200 metres northeast of the subject properties. The records indicate the pharmacy is a generator of pharmaceutical and pathological waste. Based on the separation distance, this activity is not considered and PCA.

Ten (10) of the identified waste generator summaries are associated with the retirement residence located at 55 Lodge Road, located approximately 200 metres west, across the Rideau River. The retirement residence was recorded to be a generator of various wastes that include: waste oils/sludges, waste compressed gasses, waste organic chemicals, acid solutions and light fuels. Based on these waste generator summaries, the retirement residence is considered a PCA, however, based on the separation distance it does not represent an APEC to the subject properties.

All (3) pipeline incident records were associated with natural gas lines constructed within the residential development on the east side of River Road. Based on the reviewed incident records, these activities are not considered PCAs.

The record of site condition identified in the report is associated with the property previously identified in the MECP Brownfields Environmental Site Registry. As stated in Section 4.2, this RSC is not considered to be a PCA.

One (1) Ontario spill record was associated with a Miller Waste Systems Inc. incident in 2018. It was report that approximately 100 Litres of hydraulic oil were spilled on Ardmore Street, approximately 300 metres east of the subject properties. Based on the separation distance, this activity is not considered an PCA.

One (1) Ontario spill record was associated with an Enbridge Energy Distribution incident in 2018. It was reported that a natural gas line was struck and discharged natural gas to the air, located at 405 Golden Springs Street. Based on the airborne release of natural gas and the separation distance of approximately 350 metres east, this activity is not considered a PCA.

One (1) Ontario spill record was associated with a City of Ottawa incident in 2018. It was reported that 5 Litres of coolant leaked from an OC Transport truck. The spill occurred at the intersection of River Road and Earl Armstrong, approximately 100 metres northeast of the subject properties. Based on the limited quantity of coolant and the separation distance, this activity is not considered to be a PCA.

The final Ontario spill record was associated with a residential property located at 18 Lodge Road, approximately 200 metres west of the subject properties. It was recorded in 1994 that an underground fuel storage tank had leaked furnace oil on the property due to corrosion. It was estimated that 600 -700 litres of furnace oil had been discharged to the ground. Based on the quantity and pathway of release, this activity is considered a PCA, however, based on the separation distance it does not represent an APEC to the subject properties.

A copy of the ERIS report is included in Appendix 2.

Previous Environmental Reports

The following report was reviewed as part of the Phase I ESA:

- ❑ “Combined Phase One Environmental Site Assessment, Riverside South Phase 12, 708 and 750 River Road, Ottawa, Ontario”, prepared by Golder Associates Ltd., dated September, 2019.

The report notes the two (2) parcels of land are undeveloped land with no buildings or structures at the time of the assessment. The assessment identified one (1) off-site PCA located 150 metres from the site. The identified PCA is the gas station located at 685 River Road. Base on the cross-gradient location to the Phase I properties, it was determined that the PCA does not represent an APEC. Based on the findings of the 2019 Phase I ESA, a Phase II ESA was not required.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals. The review period dates back to the first available air photos for the site. Based on the review, the following observations have been made:

- 1956 The subject properties appear primarily vacant land or pastures. Residential structures are present on the 708 and 720 River Road properties. A residential structure is also present on the 750 River Road property. Surrounding lands to the north, east and south appear to be used for agricultural and residential use.
- 1976 To the west, across the Rideau River, an institutional building has been constructed. The subject properties and neighbouring lands remain unchanged with the exception of a former high school building constructed to the north and residential homesteads on the agricultural lands to the east.
- 1983 No significant changes appear to have been made to the subject or neighbouring properties.
- 1991 The residential structures on 708 and 750 River Road have been demolished while 720 River Road remains unchanged. The 708 and 750 River Road properties are now vacant. No significant changes appear to have been made neighbouring properties.
- 2007 Further residential development has been constructed west of the Rideau River. Earl Armstrong Road is now intersecting with River Road to the northeast of the subject properties. Commercial development has been constructed northeast of the intersection. The institutional building to the north has been demolished. The subject properties remain unchanged.
- 2019 The Vimy Memorial Bridge crossing the Rideau River has been constructed to the north. Residential development has been constructed to the east. 708 River Road remains vacant with the exception of a sales centre constructed at the northern road entrance. 720 River Road has remained unchanged. 750 River Road has been developed into a storm water management pond while the remaining land is vacant.

Copies of selected aerial photographs reviewed are included in Appendix 1.

Topographic Maps

Topographic information was obtained from the City of Ottawa “Geo Ottawa” website and Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the subject site is approximately 80 to 90 m ASL, and that the regional topography in the general area of the site slopes downward to the west towards the Rideau River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock beneath the site area consists of Paleozoic interbedded sandstone and dolomite of the March Formation. Surficial soils consist of offshore marine sediments (clay and silt), with a drift thickness of 10 to 25 metres.

MECP Water Well Records

Seventy (70) well records were recovered within the 250 metre radius of the subject properties. Seven (6) well records associated with domestic wells and one (1) well abandonment record on the subject properties were identified. The strata for the nearby wells generally consists of clay and gravel to a bedrock depth of approximately 18 meters.

The well records identified within the Phase I Study area consisted of potable wells, abandonment records and monitoring wells. It was noted that the majority of the monitoring wells were located off-site and within the vicinity of the MacEwen gas station at 685 Rive Road. A copy of the water well records within the Phase I study area is included in the ERIS report included in Appendix 2 of this report.

Water Bodies and Areas of Natural Significance

The Rideau River is the nearest body of water, located immediately west of the subject properties. No creeks, rivers, streams, lakes or other water bodies were identified in the Phase I study area with the exception of the Jock River to the southwest. No areas of natural significance are known to exist within the Phase I study area.

5.0 INTERVIEWS

The client is the property owner of 708 and 750 River Road and is not aware of any environmental concerns with the subject property or surrounding properties in the Phase I study area. The property owner of 720 River Road, Mrs. Danielle Labonte, was available to provide access to the residential dwelling and to respond to interview questions. Mrs. Labonte was unaware of any former or current activities that could have had the potential to impact the property.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site assessment was conducted on November 19, 2020. Weather conditions consisted cloudy conditions, with a temperature of approximately -3°C. Mr. Mark St Pierre from the Environmental Department of Paterson Group conducted the site visit. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site visit.

6.2 Specific Observations at Phase I Property

Buildings and Structures

The site visit conducted at 708 River Road noted that no buildings or structures were present with the exception of a single storey sales centre for new homes. The structure was a temporary wood framed structure with a gravel parking lot accessible from River Road.

The site visit conducted at 720 River Road identified a single storey residential dwelling with a walk out basement. The property was also occupied with a small slab on grade shed used to store lawn care equipment and a two-storey slab on grade workshop. A general description of the interior of the residential structure is as follow:

- Floor finishes consisted of a combination of hardwood floor, ceramic tile and concrete.
- Wall finishes consisted of drywall and wood paneling.
- Ceilings were finished with drywall and suspended ceiling tiles.
- Lighting throughout the structure is provided by incandescent and fluorescent bulbs.

The site visit conducted at 750 River Road noted that no buildings or structures were present on the property. A portion of a storm water management pond occupies the central portion of the property.. Aside from these ponds no other structures are present on the property.

Site Features

The subject properties are primarily vacant with the exception 720 River Road. All three (3) properties consist of large grassed and treed areas. Accessible roadways from River Road consist of gravel. The subject properties are at grade with River Road and slope down toward the Rideau River to the west. Site drainage consists of natural runoff and infiltration into the ground surface of the site.

Below Ground Structures or Utilities

At 708 River Road, no below ground structures or buried utilities were identified at the time of the site visit; none are expected to be present since this property has never been developed.

At 720 River Road, the residential dwelling is situated on a slope providing a walkout basement level. Buried utilities identified consisted of a private septic system, private well water and a natural gas line extending the length of the gravel laneway from River Road.

At 750 River Road, no below ground structures or buried utilities were identified with the exception of the storm water management pond.

Fuels and Chemical Storage

No aboveground storage tanks (ASTs) or signs indicating the presence of underground storage tanks (USTs) were observed on the properties at the time of the assessment. No other chemicals were observed at the subject properties with the exception of commercially available domestic products stored in the wood shed on 720 River Road.

Wastewater Discharge

Wastewater from 720 River Road is discharged to the private septic system and consists of washwater and sewage. No concerns were noted with respect to waste water discharge.

Waste Management

Solid, non-hazardous domestic waste and recyclable products are collected by the municipality on a weekly basis from 720 River Road. No waste is generated on 708 or 750 River Road. No concerns were identified with respect to waste management practices on the subject properties.

Hazardous Materials and Unidentified Substances

No hazardous materials, unidentified substances, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the subject properties at the time of the site visit.

Based on the age of the residential dwelling on 720 River Road, asbestos-containing building materials (ACMs) may be present on-site in observed drywall joint compound and ceiling tiles. The observed painted areas, floors and ceilings in the building were generally in good report. The potential ACMs are considered to be in good condition and do not pose immediate concern to the building occupants.

Based on the age of the dwelling, lead-based paints may be present on any original or older painted surfaces. The potential presence of lead-based paint is not considered to pose an immediate concern.

Urea formaldehyde foam insulation (UFFI) was not observed during the site visit; however, wall cavities were not inspected for insulation type.

Potential sources of ODSs observed on-site include fridges, freezers, air conditioners and fire extinguishers. These appliances appeared to be in good condition at the time of the site visit.

Transformer Oil and Polychlorinated Biphenyls (PCBs)

No transformers or other sources of PCBs were observed at the time of the site visit.

Potable Wells

One (1) potable well was observed on-site at 720 River Road. Although the study area is municipally serviced, the neighbouring residential properties to the north and south are presumable still serviced by active private potable wells.

Monitoring Wells

No monitoring wells were identified on the subject properties during the site visit. As noted previously, several monitoring wells have been installed within the study area to the northeast, though these were not observed during the site visit.

Neighbouring Properties

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site was as follows:

- North Residential dwelling, followed by the Vimy Memorial Bridge;
- South Partially vacant land with the remaining portion of the stormwater management pond followed by residential dwellings;
- East River Road, followed by residential dwellings;
- West The Rideau River, followed by Lodge Road.

Potentially Contaminating Activities in the Phase I study area were not observed at the time of the site reconnaissance with the exception of the MacEwen Gas station located at 685 River Road.

Property use within the Phase I study area is shown on Drawing PE5111-2 - Surrounding Land Use Plan.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

The following table indicates the current and past uses of the site as well as associated potentially contaminating activities dating back to the first developed use of the site.

Table 1 - Land Use History			
Time Period	Land Use	Potentially Contaminating Activities	Areas of Potential Environmental Concern
708 River Road			
1956 to 1991	Agricultural homestead	None	None
1991 to 2019	Vacant	None	None

Table 1 (Continued) - Land Use History			
720 River Road			
1956 to 1976	Agricultural homestead	None	None
1976 to 2019	Residential	None	None
750 River Road			
1956 to 1991	Agricultural homestead	None	None
1991 to 2019	Vacant	None	None

Potentially Contaminating Activities (PCAs)

No potentially contaminating activities (PCAs) have been identified on the subject properties. Three (3) PCAs were identified in the Phase I study area, including a retail fuel outlet to the northeast at 685 River Road, a retirement residence recorded as a generator of waste oils/sludges and light fuels west of the Rideau River at 55 Lodge Road and a furnace oil UST spill west of the Rideau River at 18 Lodge Road. Locations of the identified PCAs within the Phase I study area are shown on Drawing PE5111-2 - Surrounding Land Use Plan

Areas of Potential Environmental Concern (APEC)

Due to the downgradient position and/or separation distance from the subject properties, these PCAs are not considered to represent APECs. No Areas of Potential Environmental Concern were noted on the subject site.

Contaminants of Potential Concern (CPC)

No contaminants of potential concern were identified, since no APECs were identified on the subject site.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada, bedrock beneath the site area consists of Paleozoic interbedded sandstone and dolomite of the March Formation. Surficial soils consist of offshore marine sediments (clay and silt), with a drift thickness of 10 to 25 metres.

Hydrogeological conditions are considered to mimic the topographic setting; as a result, groundwater is expected to flow northwest towards the Rideau River.

Contaminants of Potential Concern

As per Section 7.1 of this report, no CPCs were identified on the subject site.

Existing Buildings and Structures

A single storey temporary sales centre with a gravel parking lot is present on 708 River Road. A single storey dwelling with a walk out basement is present on 720 River Road in addition to a two-storey workshop and a small wooden shed. A storm water management pond is present on 750 River Road.

Water Bodies

The nearest body of water is the Rideau River, located immediately west of the subject properties.

Areas of Natural Significance

No areas of natural significance were identified on the site or in the Phase I area.

Drinking Water Wells

Based on the results of the well record search, drinking water wells are present on the subject property and within the Phase I study area.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists of residential and vacant lands. Land use is shown on Drawing PE5111-2-Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, no PCAs were identified on the subject property. Three (3) PCAs were identified in the Phase I study area, including a retail fuel outlet to the northeast at 685 River Road, a retirement residence recorded as a generator of waste oils/sludges and light fuels west of the Rideau River at 55 Lodge Road and a furnace oil UST spill west of the Rideau River at 18 Lodge Road. Based on the downgradient position and separation distance from the subject property, these PCAs are not considered to represent APECs on the subject property.

Assessment of Uncertainty and/or Absence of Information

The PCAs within the Phase I study area were confirmed by a variety of independent sources. As such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

Assessment

Paterson Group was retained by Riverside South Development Corporation to conduct a Phase I Environmental Site Assessment (ESA) for 708, 720 and 750 River Road, in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (Phase I-ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject properties.

The subject properties are primarily vacant undeveloped land with the exception of the following: a temporary single storey sales centre on 708 River Road, a residential dwelling present on 720 River Road and a storm water management pond developed on 750 River Road. Aside from these identified structures the majority of the subject properties are vacant land.

Based on historical research, surrounding properties historically consisted of agricultural homestead use. Some Potentially Contaminating Activities (PCAs) were identified during the historical research to the northeast and to the west across the Rideau River on Lodge Road. The identified PCAs include a retail fuel outlet, waste generator summaries of waste oils and light fuels, and a furnace oil UST spill. Based on their distances and/or cross-gradient locations from the subject properties, these PCAs are not considered to represent Areas of Potential Environmental Concern on the subject properties.

Following the historical research, a site visit was conducted to assess the subject site and Phase I ESA study area. With the exception of the temporary sales centre, residential structures and the storm water management pond, the subject properties were vacant and undeveloped. The site visit did not identify any additional PCAs for the subject property.

Conclusion

Based on the results of the Phase I - Environmental Site Assessment, it is our opinion that a **Phase II - Environmental Site Assessment is not required for the subject site.**

9.0 STATEMENT OF LIMITATIONS

This Phase I - Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04 as amended by O.Reg. 269/11 and meets the requirements of CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Riverside South Development Corporation. Permission and notification from the above noted party and Paterson will be required to release this report to any other party.

Paterson Group Inc.



Mark St Pierre, B. Eng.



Mark S. D'Arcy, P.Eng., Q.P.ESA

Report Distribution:

- Riverside South Development Corporation
- Paterson Group Inc.

10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNRF Areas of Natural Significance.
MECP Water Well Inventory.
Chapman, L.J., and Putnam, D.F., 1984: ‘The Physiography of Southern Ontario, Third Edition’, Ontario Geological Survey Special Volume 2.

Municipal Records

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.
Intera Technologies Limited Report “Mapping and Assessment of Former Industrial Sites, City of Ottawa”, 1988.
The City of Ottawa GeoOttawa website.

Local Information Sources

ERIS Environmental Risk Information Services
Previous Engineering Reports
Personal Interviews

Public Information Sources

Google Earth.
Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE5111-1 – SITE PLAN

DRAWING PE5111-2 – SURROUNDING LAND USE PLAN

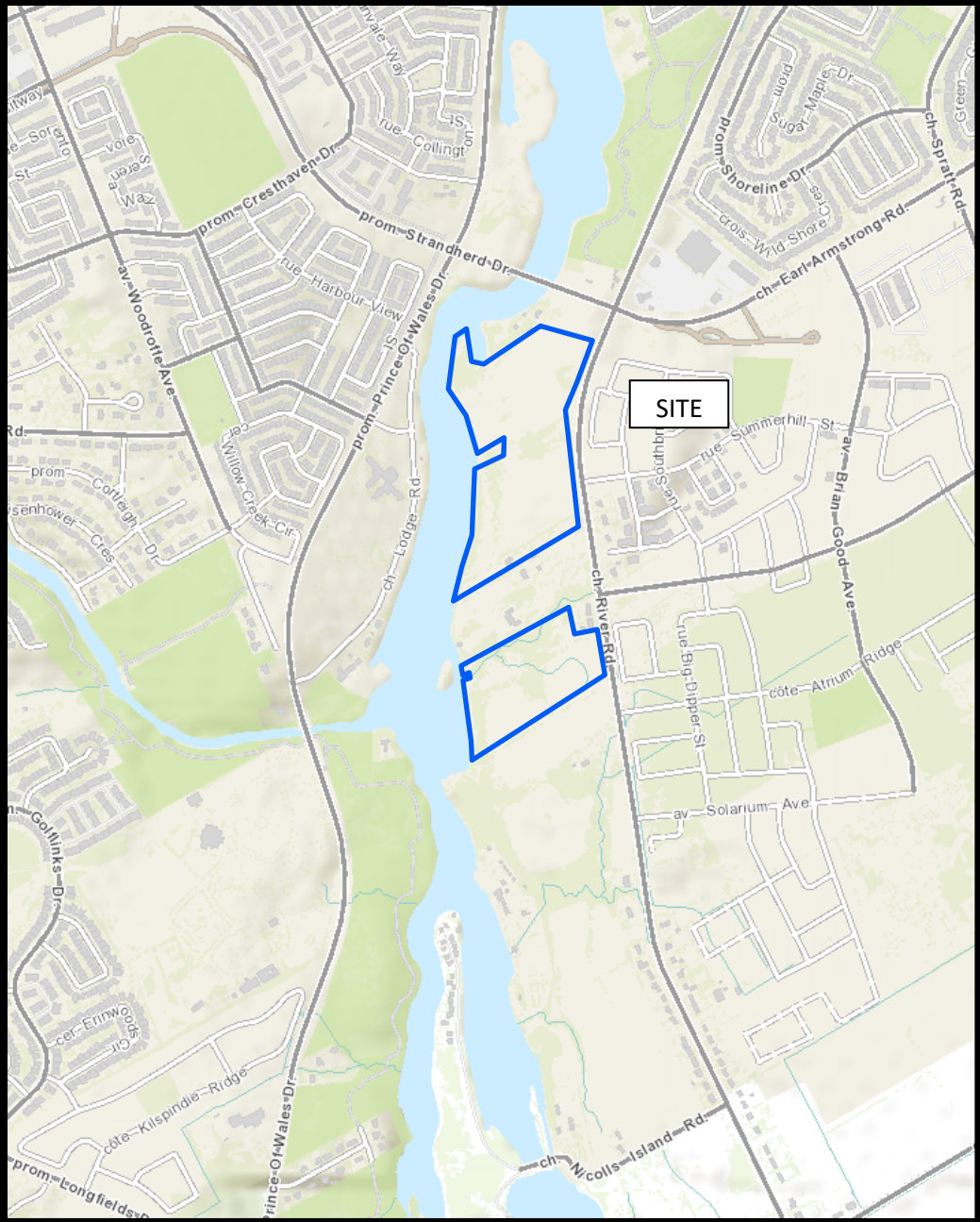


FIGURE 1
KEY PLAN

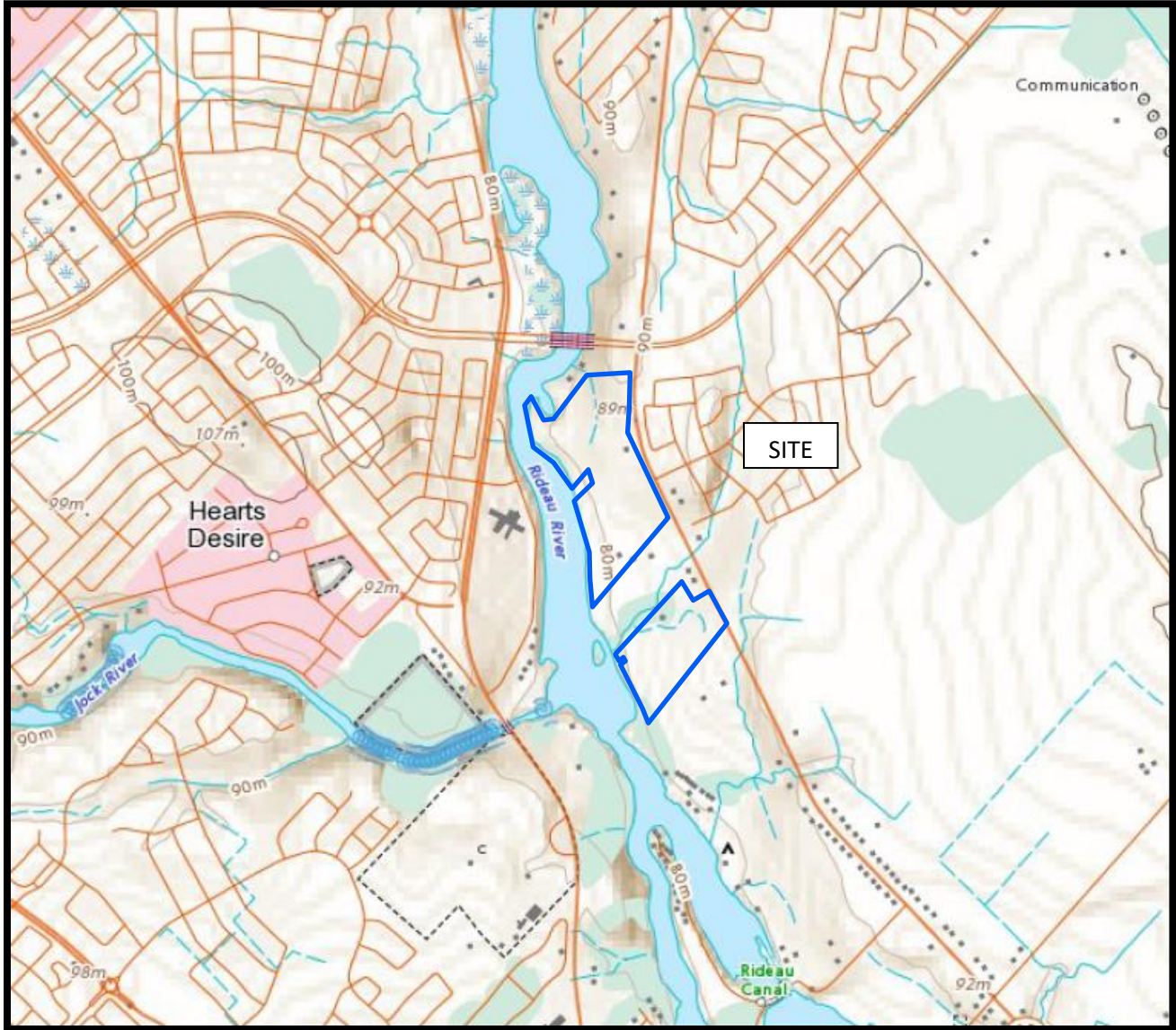
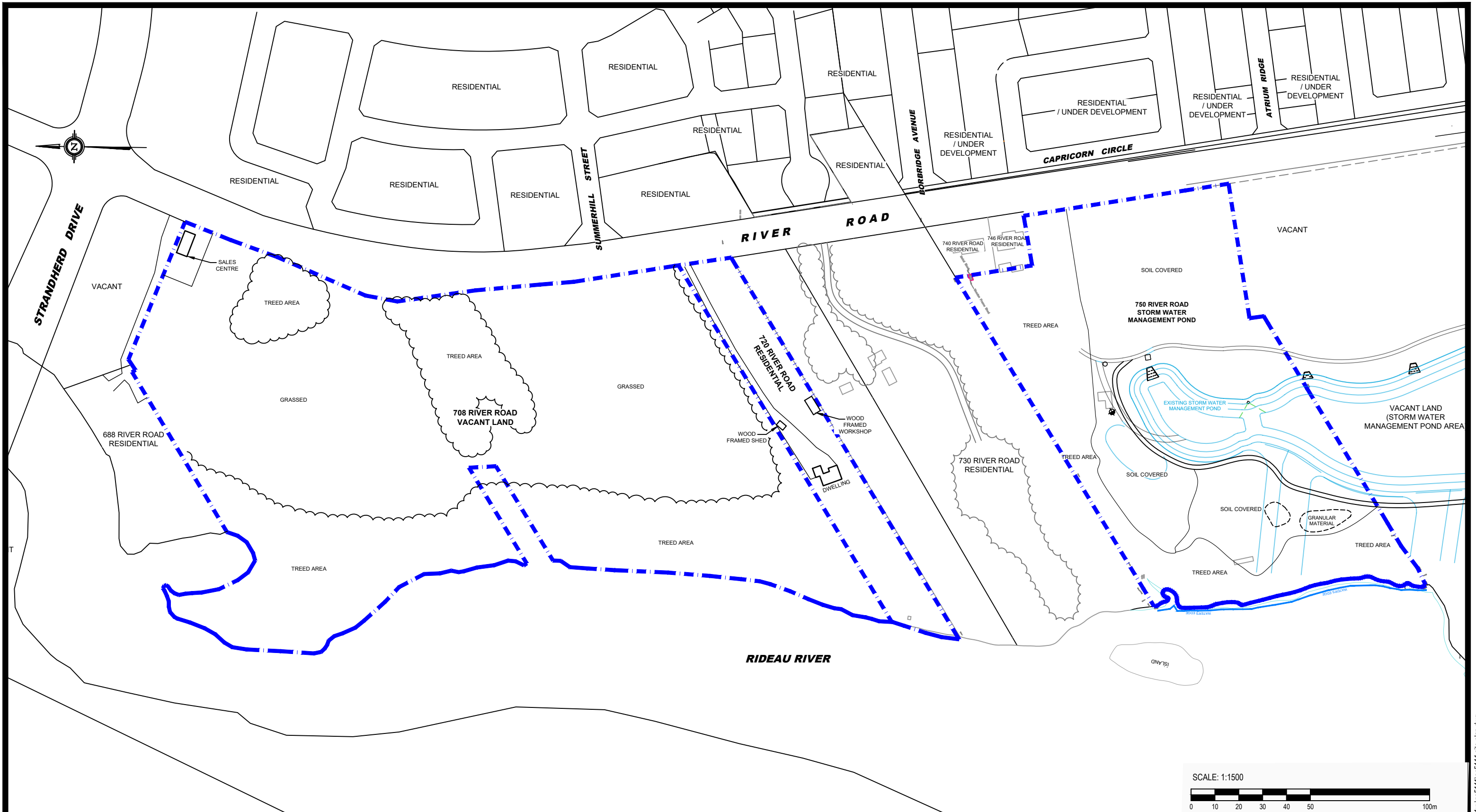


FIGURE 2
TOPOGRAPHIC MAP



patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

RIVERSIDE SOUTH DEVELOPMENT CORPORATION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
708, 720 AND 750 RIVER ROAD

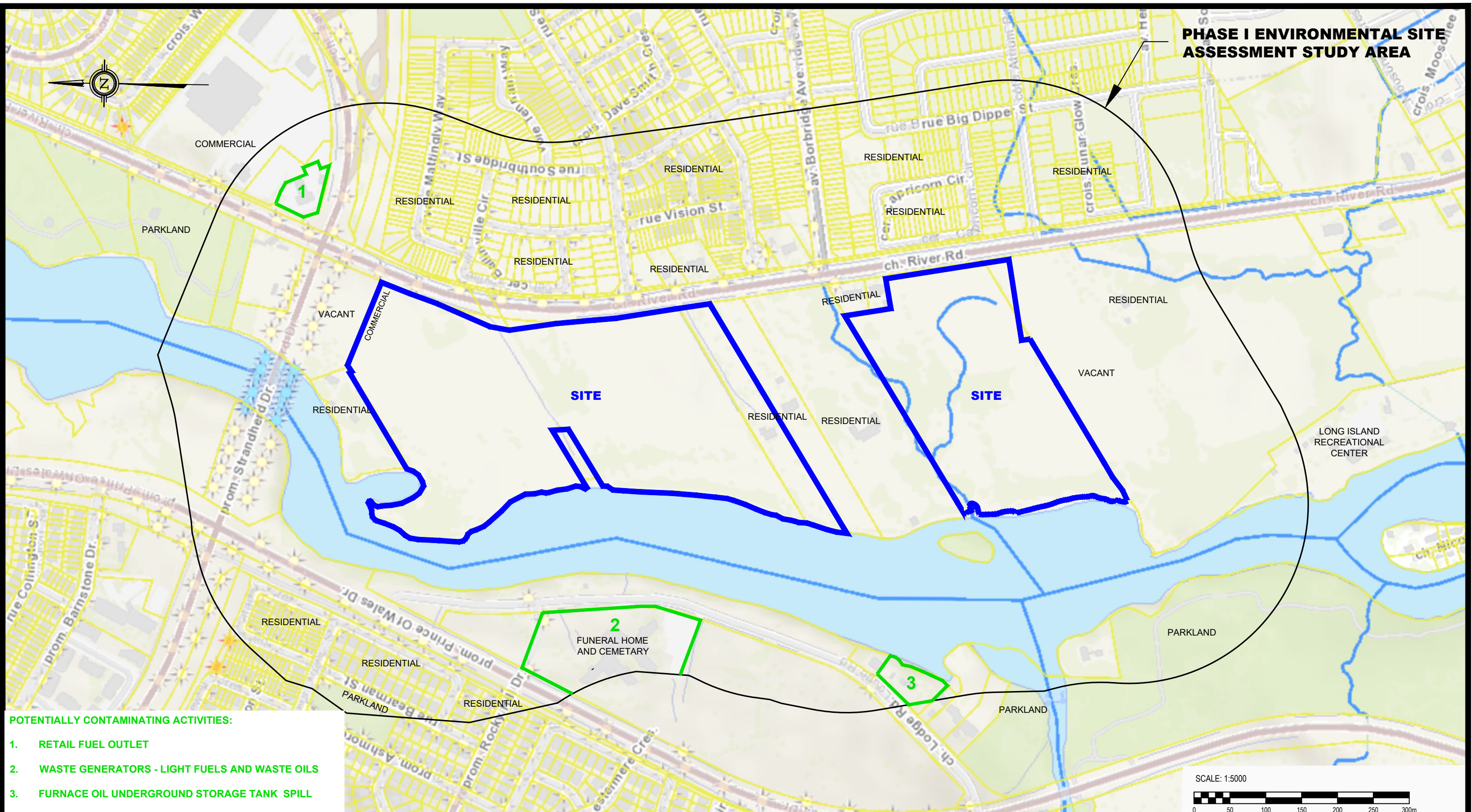
OTTAWA, ONTARIO

SITE PLAN

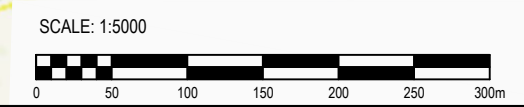
Scale:	1:1500	Date:	01/2021
Drawn by:	RCG	Report No.:	PE5111-1
Checked by:	MSP	Dwg. No.:	PE5111-1
Approved by:	MSD	Revision No.:	

p:\autocad drawings\environmental\pe5111\pe5111 site plan.dwg

PHASE I ENVIRONMENTAL SITE ASSESSMENT STUDY AREA



- POTENTIALLY CONTAMINATING ACTIVITIES:**
1. RETAIL FUEL OUTLET
 2. WASTE GENERATORS - LIGHT FUELS AND WASTE OILS
 3. FURNACE OIL UNDERGROUND STORAGE TANK SPILL



patersongroup
consulting engineers

154 Colonnade Road South
Ottawa, Ontario K2E 7J5
Tel: (613) 226-7381 Fax: (613) 226-6344

NO.	REVISIONS	DATE	INITIAL

RIVERSIDE SOUTH DEVELOPMENT CORPORATION
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
 708, 720 AND 750 RIVER ROAD
 OTTAWA, ONTARIO
SURROUNDING LAND USE PLAN

Scale:	1:5000	Date:	01/2021
Drawn by:	RCG	Report No.:	PE5111-1
Checked by:	MSP	Dwg. No.:	PE5111-2
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe5111\pe5111_site_plan.dwg

APPENDIX 1

SURVEY PLAN

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

**DRAFT PLAN OF SUBDIVISION OF
PART OF LOTS 20, 21 AND 22
AND**

**PART OF THE ROAD ALLOWANCE
BETWEEN LOTS 20 AND 21**

(Closed by By-Law 2008-244, Inst. OC1049346)

BROKEN FRONT CONCESSION (RIDEAU FRONT)

Geographic Township of Gloucester

CITY OF OTTAWA

Prepared by Annis, O'Sullivan, Vollebek Ltd.

Scale 1 : 1000

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

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
The boundaries of the lands to be subdivided and their relationship to
adjoining lands have been accurately and correctly shown.

Date _____
Andre Roy
ONTARIO LAND SURVEYOR

OWNER'S CERTIFICATE

This is to certify that I am the owner / agent of the lands to be subdivided and that
this plan was prepared in accordance with my instructions.

Date _____
Marek Dymowski
Vice President of Land Development
Urbantale Corporation
I have the authority to bind the corporation

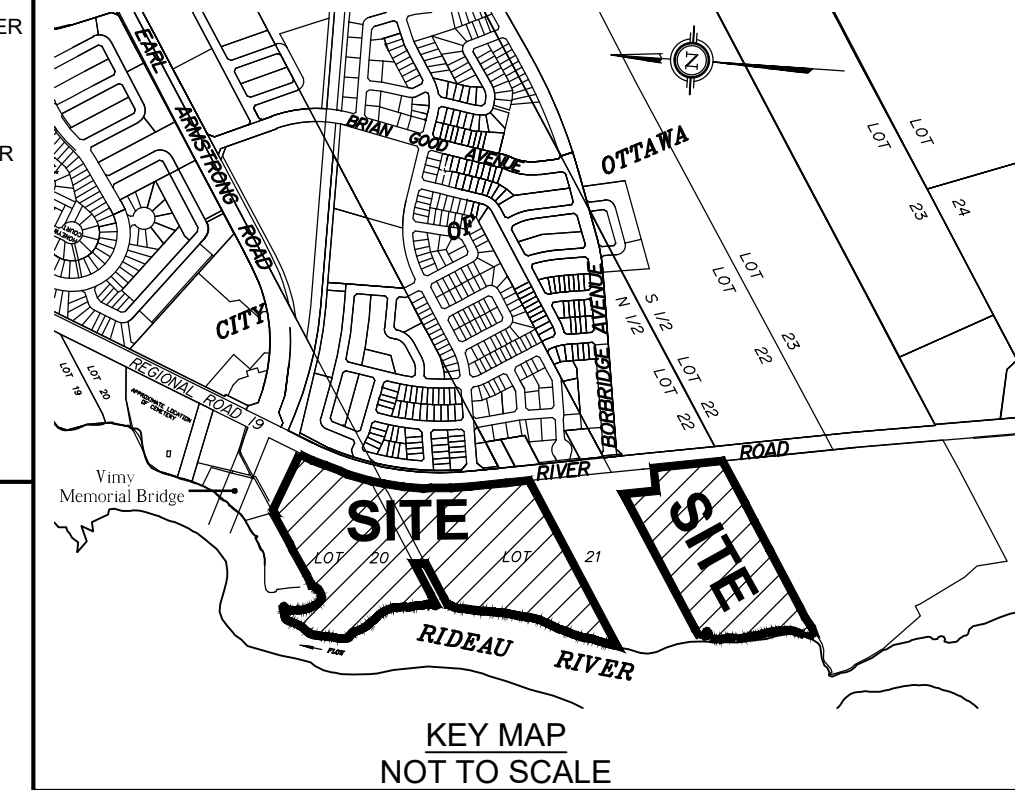
**ADDITIONAL INFORMATION REQUIRED UNDER
SECTION 51-17 OF THE PLANNING ACT**

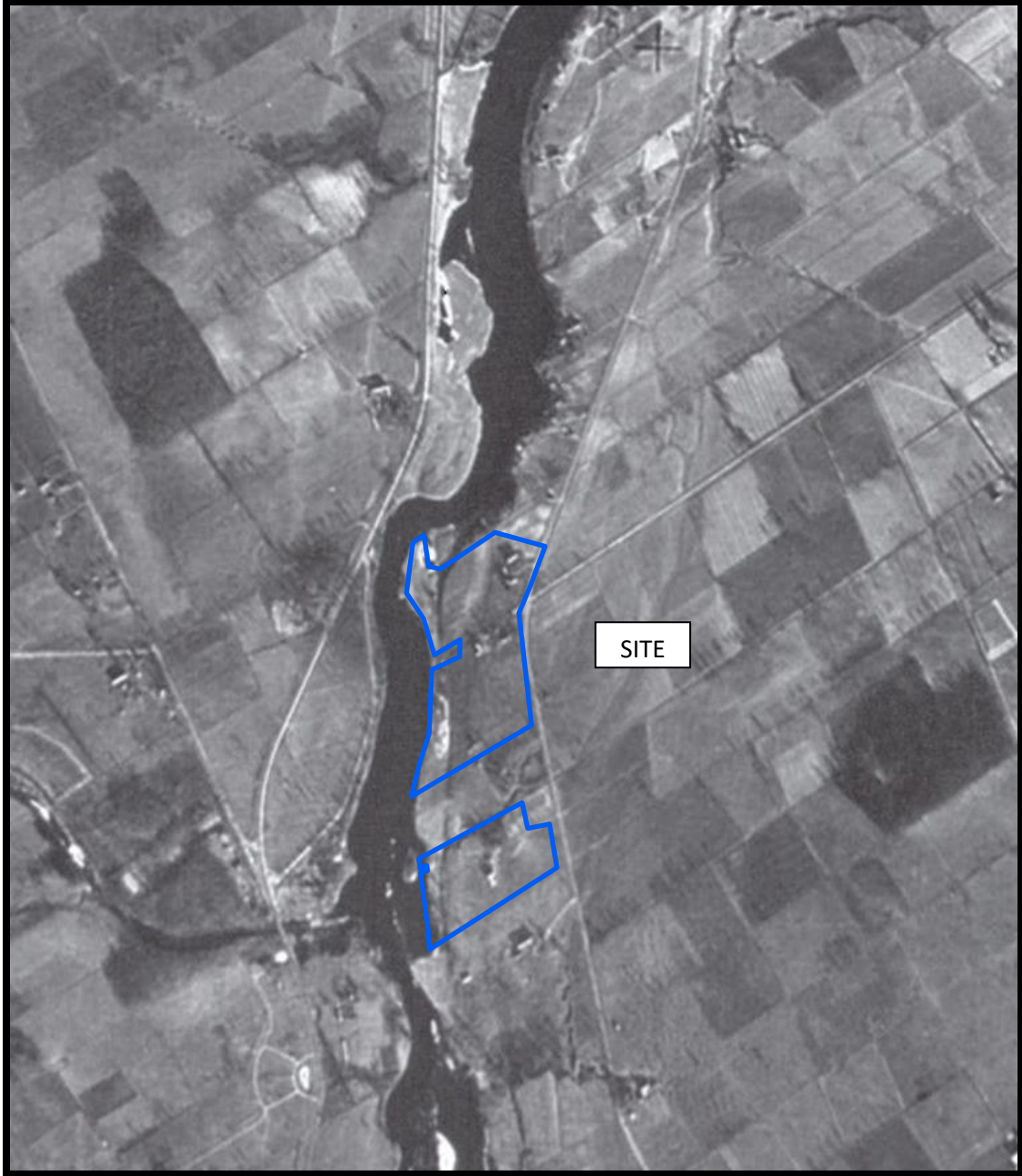
- (a) see plan
- (b) see plan
- (c) see plan
- (d) single and multi-family residential housing, open space and storm water management lands
- (e) see plan
- (f) see plan
- (g) see plan
- (h) City of Ottawa
- (i) see soils report
- (j) see plan
- (k) sanitary, storm sewers, municipal water, bell, hydro, cable and gas to be available
- (l) see plan

SUBJECT TO THE CONDITIONS, IF ANY, SET FORTH IN OUR LETTER DATED _____

THIS DRAFT PLAN IS APPROVED BY THE CITY OF OTTAWA UNDER SECTION 51 OF THE PLANNING ACT.
THIS _____ DAY OF _____ 20____

LILY XU, MCP RPP, LEED GREEN ASSOC. (A) MANAGER,
DEVELOPMENT REVIEW SOUTH BRANCH,
PLANNING, INFRASTRUCTURE AND ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



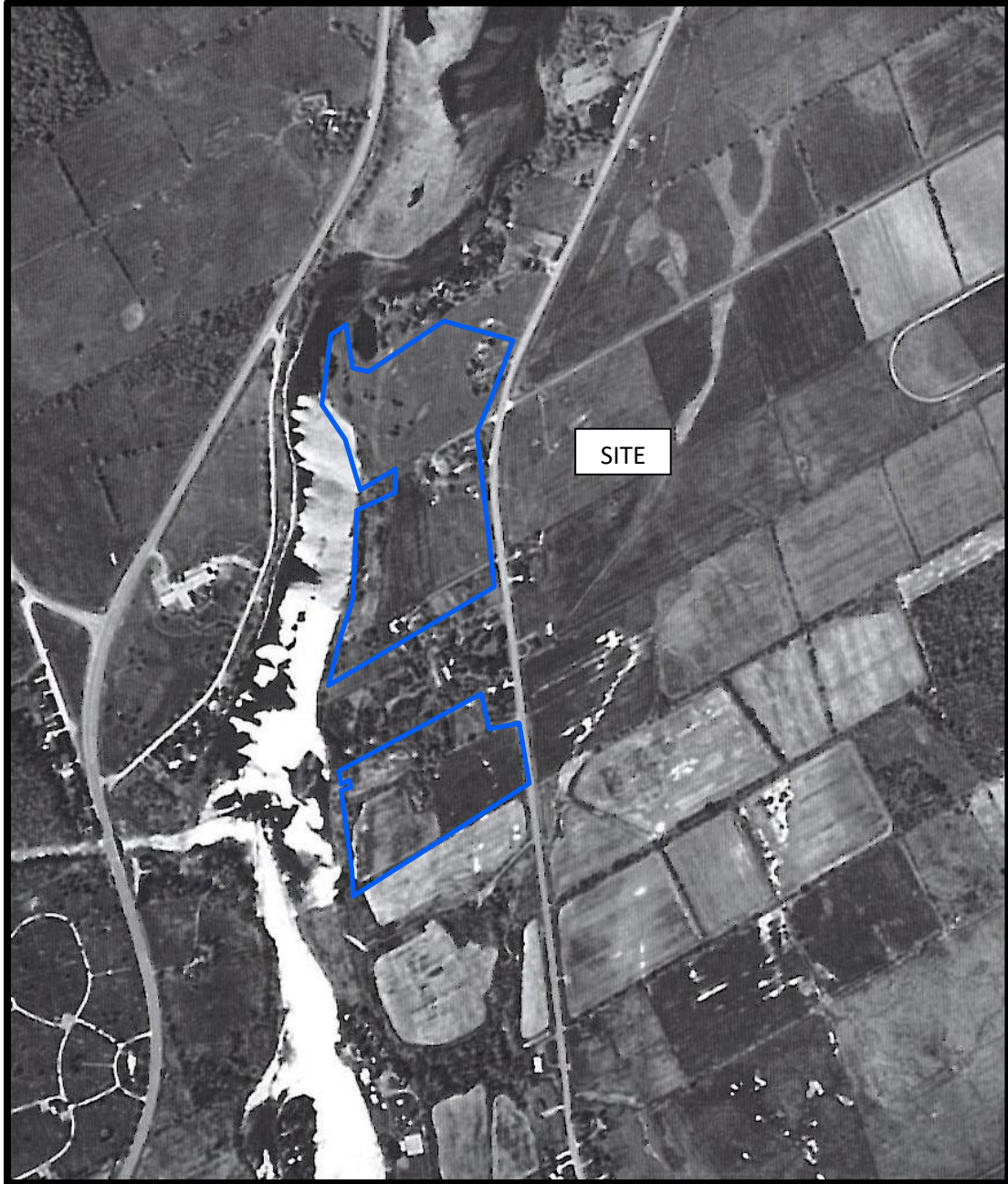


AERIAL PHOTOGRAPH

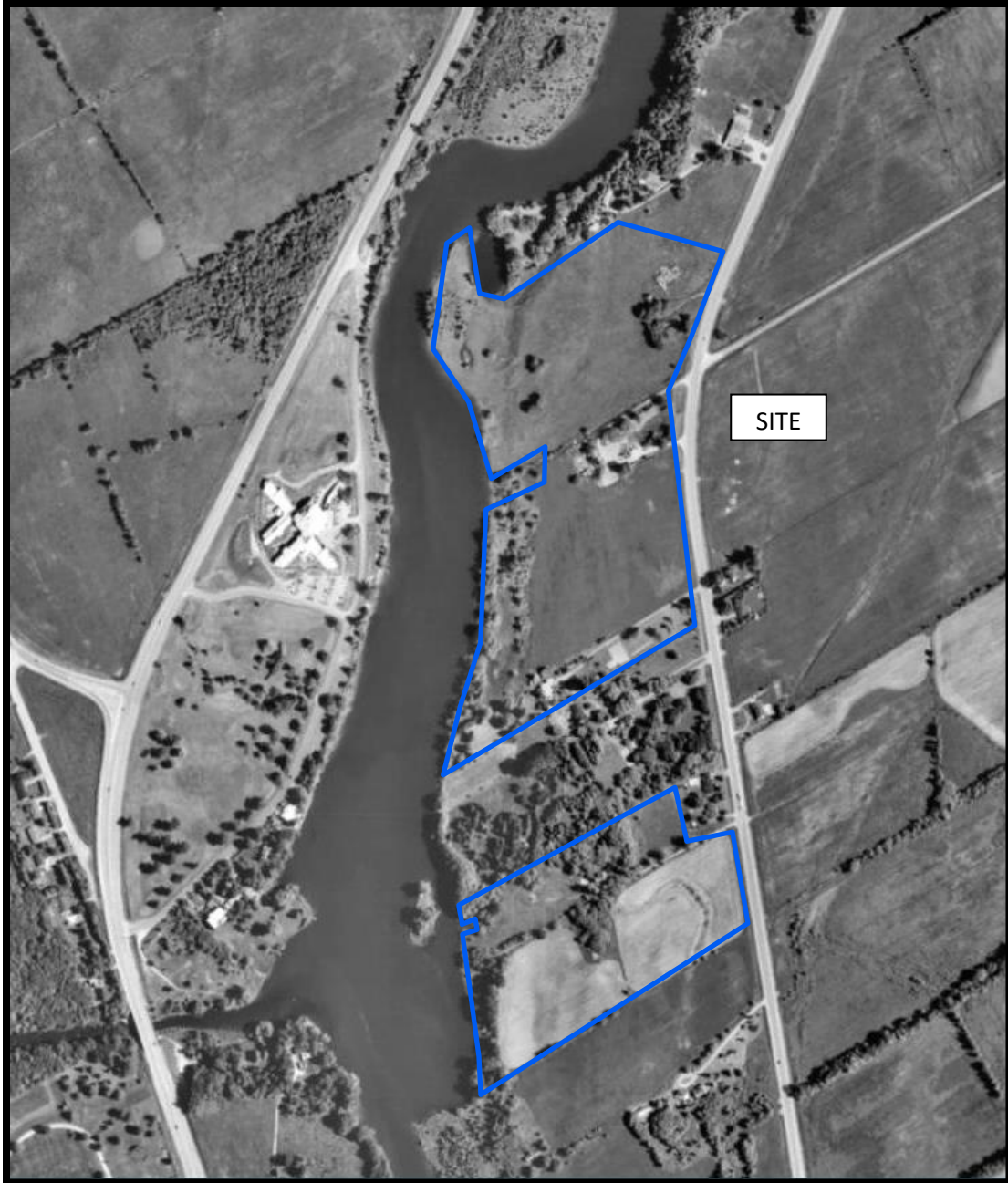
1956



AERIAL PHOTOGRAPH
1976



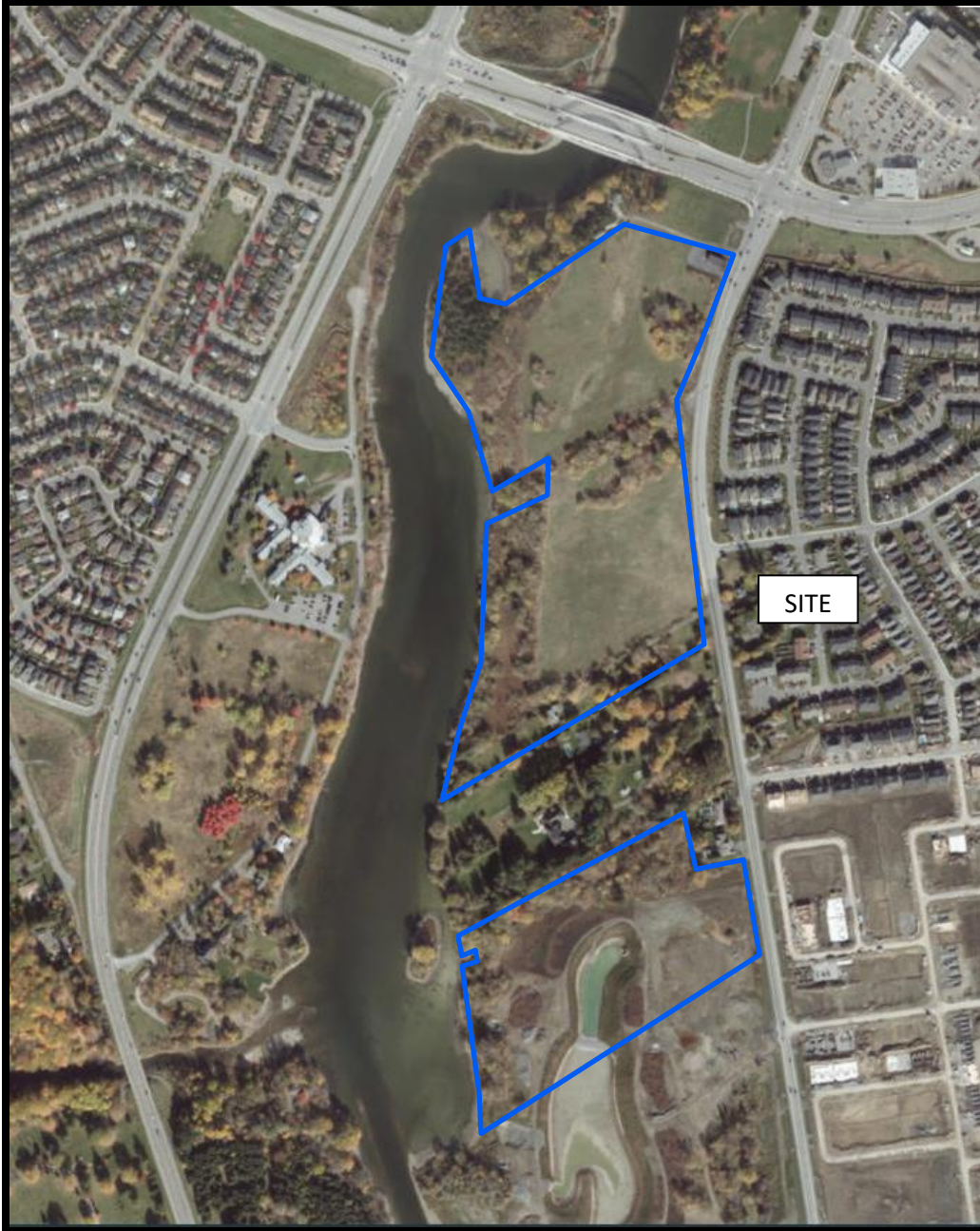
AERIAL PHOTOGRAPH
1983



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2007



AERIAL PHOTOGRAPH
2019

Site Photographs

PE5111

708 River Road, Ottawa, Ontario

November 19, 2020



Photograph 1: Front entrance and façade of residential dwelling, facing west.



Photograph 2: Southern façade and side basement entrance of residential dwelling, facing northeast.

Site Photographs

PE5111

708 River Road, Ottawa, Ontario

November 19, 2020



Photograph 3: Rear basement entrance and façade of residential dwelling, facing northeast.



Photograph 4: Northern façade of residential dwelling, facing east.

Site Photographs

PE5111

November 19, 2020

708 River Road, Ottawa, Ontario



Photograph 5: Gravel laneway and wood shed, facing east.



Photograph 6: Northern façade of two storey wood framed workshop, facing south.

APPENDIX 2

MECP FREEDOM OF INFORMATION REQUEST

ERIS REPORT

TSSA CORRESPONDENCE

MECP WELL RECORDS

Please wait...

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DATABASE REPORT

Project Property: *Phase I ESA
708 ,720 and 750 River Road,
Manotick ON K4M 0E2*

Project No: *PE5111*

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

Order No: *21011800277*

Requested by: *Paterson Group Inc.*

Date Completed: *January 21, 2021*

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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Executive Summary

Property Information:

Project Property: *Phase I ESA
708, 720 and 750 River Road, Manotick ON K4M 0E2*

Project No: *PE5111*

Coordinates:

Latitude: *45.2638162*
Longitude: *-75.7030228*
UTM Northing: *5,012,498.09*
UTM Easting: *444,845.92*
UTM Zone: *18T*

Elevation: *262 FT
79.88 M*

Order Information:

Order No: *21011800277*
Date Requested: *January 18, 2021*
Requested by: *Paterson Group Inc.*
Report Type: *Quote - Custom-Build Your Own Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.78 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	1	1
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	26	26
CA	<i>Certificates of Approval</i>	Y	0	2	2
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	1	1
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	13	13
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	6	6
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	4	4
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	12	12
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.78 km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	3	3
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	1	1
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	4	4
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	82	82
Total:			0	156	156

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 21 ON Well ID: 1533455	E/22.7	-0.08	39
2	WWIS		lot 21 ON Well ID: 1533454	SE/66.7	0.14	40
3	WWIS		lot 21 ON Well ID: 1533456	SE/68.9	1.00	43
4	BORE		ON	SE/74.7	0.95	47
5	WWIS		lot 21 ON Well ID: 1511327	SE/74.7	0.95	48
6	WWIS		lot 21 ON Well ID: 1500324	N/214.4	2.08	52
7	BORE		ON	N/214.5	2.08	56
8	WWIS		lot 21 ON Well ID: 1500325	E/217.5	4.21	58
9	PINC	PIPELINE HIT 1/2"	448 HAREFIELD CRT,,MANOTICK,ON, K4M 0B6,CA ON	E/219.3	4.37	60
10	BORE		ON	ENE/222.5	6.31	61
11	WWIS		lot 21 ON Well ID: 1516160	E/231.8	2.91	62
12	WWIS		lot 21 ON	ENE/247.1	8.00	66

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1513342			
13	WWIS		lot 22 ON Well ID: 1510831	ESE/248.5	3.69	69
14	WWIS		lot 10 con 1 ON Well ID: 1504664	W/258.3	-3.98	73
15	WWIS		274 RIVER RD MANOTICK ON Well ID: 7182221	SSE/262.8	2.00	75
16	BORE		ON	ESE/262.8	4.16	77
17	WWIS		lot 22 ON Well ID: 1500326	ESE/262.8	4.16	78
18	WWIS		55 LODGE RD lot 10 con 1 OTTAWA ON Well ID: 1536500	W/279.5	-4.00	80
19	WWIS		lot 22 ON Well ID: 1500327	ESE/293.6	5.42	81
20	ECA	Riverside South Development Corp.	750 River Rd Ottawa ON K1G 2H5	S/306.9	2.14	84
20	ECA	Riverside South Development Corp.	750 River Rd Ottawa ON K1G 2H5	S/306.9	2.14	84
20	ECA	Riverside South Development Corp.	750 River Rd Ottawa ON K1G 2H5	S/306.9	2.14	84
21	WWIS		lot 21 ON Well ID: 1500323	NE/319.7	7.69	85
22	BORE		ON	NE/319.7	7.69	87
23	BORE		ON	SE/343.8	6.00	89

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
24	WWIS		lot 22 ON Well ID: 1500332	SE/343.9	6.00	90
25	WWIS		55 LODGE ROAD lot 11 con 1 MANOTICK ON Well ID: 7125887	WNW/349.5	0.31	92
26	WWIS		55 LODGE RD lot 11 con 1 OTTAWA ON Well ID: 1536515	NW/354.8	-4.12	102
27	WWIS		lot 21 ON Well ID: 1500322	NE/368.1	8.00	103
28	BORE		ON	W/375.5	2.19	106
29	WWIS		lot 22 ON Well ID: 1500333	S/378.8	3.00	108
30	WWIS		55 LODGE RD lot 11 con 1 OTTAWA ON Well ID: 1536516	NW/398.1	0.00	110
31	BORE		ON	SE/398.3	6.92	111
32	WWIS		lot 22 ON Well ID: 1500330	SE/398.3	6.92	112
33	CA	Carleton Lodge Well Supply	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	115
33	GEN	City of Ottawa	55 Lodge Road Nepean ON K2C 3H1	W/408.3	3.00	115
33	GEN	City of Ottawa	55 Lodge Rd. Ottawa ON K2C 3H1	W/408.3	3.00	115
33	CA	City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	116

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
33	GEN	City of Ottawa	55 Lodge Rd. Ottawa ON K2C 3H1	W/408.3	3.00	116
33	GEN	City of Ottawa	55 Lodge Road Ottawa ON	W/408.3	3.00	116
33	EASR	CITY OF OTTAWA	55 LODGE RD OTTAWA ON K2C 3H1	W/408.3	3.00	117
33	EHS		55 Lodge Rd Ottawa ON K2C3H1	W/408.3	3.00	117
33	ECA	City of Ottawa	55 Lodge Road Ottawa ON K1P 1J1	W/408.3	3.00	117
33	ECA	City of Ottawa	55 Lodge Road Ottawa ON K2G 6J8	W/408.3	3.00	117
33	GEN	City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	118
33	GEN	City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	118
33	GEN	City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	118
33	GEN	City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	119
33	GEN	City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	119
33	GEN	Jemcor Elevating Inc.	55 Lodge Road Ottawa ON K2C 3H1	W/408.3	3.00	120
34	WWIS		lot 20 ON	NNE/413.2	8.08	120

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1500317			
35	SPL	PRIVATE RESIDENCE	18 LODGE ROAD FURNACE OIL TANK NEPEAN CITY ON K2C 3H1	WSW/419.0	-2.78	123
36	WWIS		55 LODGE RD lot 11 con 1 ON Well ID: 1536511	W/425.6	4.25	123
37	WWIS		55 LODGE RD lot 11 con 1 OTTAWA ON Well ID: 1536517	W/427.2	4.00	125
38	WWIS		18 LODGE ROAD lot 10 con 1 OTTAWA ON Well ID: 7163245	WSW/433.5	-4.23	126
39	WWIS		lot 11 con 1 ON Well ID: 1516589	WNW/434.0	5.42	133
40	WWIS		lot 10 con 1 ON Well ID: 1504663	WSW/440.2	0.31	137
41	WWIS		lot 22 ON Well ID: 1500328	SE/442.0	8.28	141
42	WWIS		lot 20 ON Well ID: 1500319	NNE/470.8	9.00	144
43	WWIS		lot 10 con 1 ON Well ID: 1522199	WSW/475.8	1.69	147
43	WWIS		lot 10 con 1 ON Well ID: 1522201	WSW/475.8	1.69	150
44	WWIS		lot 10 con 1 ON Well ID: 1530599	WSW/477.7	1.69	154
45	WWIS		lot 10 con 1 ON Well ID: 1504662	WSW/482.7	0.00	158
46	WWIS		lot 22 ON	SSE/492.2	4.97	161

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1510695			
47	BORE		ON	NNE/492.8	9.31	163
48	WWIS		680 RIVER RD. OTTAWA ON Well ID: 7313066	NNE/495.3	9.00	165
49	BORE		ON	WSW/498.6	0.00	166
50	BORE		ON	SE/498.6	8.69	168
51	WWIS		lot 22 ON Well ID: 1500329	SE/498.7	8.69	169
52	WWIS		lot 11 con 1 ON Well ID: 1505930	WNW/500.5	6.05	171
53	BORE		ON	WNW/500.5	6.05	174
54	EHS		746 River Road Ottawa ON	SSE/520.6	5.00	175
55	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	NW/528.7	3.61	175
55	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	NW/528.7	3.61	176
55	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	NW/528.7	3.61	176
55	ECA	Minto Developments Inc.	Part of Lots 11, 12, 13 and 14, Concession 1 Ottawa ON K1R 7Y2	NW/528.7	3.61	176
55	ECA	Minto Developments Inc.	Ottawa ON K1R 7Y2	NW/528.7	3.61	176

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
56	WWIS		lot 10 con 1 ON Well ID: 1513522	WSW/535.0	0.00	177
57	WWIS		lot 22 ON Well ID: 1500331	SSE/535.4	4.92	179
58	AMIS	PRIDMORE THOS QUARRY	GLOUCESTER ON	N/588.8	5.63	182
59	SPL	Miller Waste Systems Inc.	Ottawa ON	E/593.4	9.00	182
60	WWIS		752 RIVER ROAD lot 22 con 1 MANOTICK ON Well ID: 7328237	S/597.6	2.69	183
61	WWIS		lot 23 ON Well ID: 1500335	SSE/635.2	10.00	184
62	BORE		ON	SSE/635.2	10.00	187
63	PINC	ENBRIDGE GAS INC	73 HUBBLE HEIGHTS,,OTTAWA,ON,K4M 0K2,CA ON	ESE/636.3	11.00	188
64	SPL	Enbridge Energy Distribution Inc.	405 Golden Springs St. Ottawa ON	ENE/645.9	9.00	188
64	PINC	PIPELINE HIT 1/2"	405 GOLDEN SPRING ST,,OTTAWA,ON, K4M 0B8,CA ON	ENE/645.9	9.00	189
65	SPL	City of Ottawa	River Road and Earl Armstrong Rd Ottawa ON	NNE/647.9	10.07	189
66	BORE		ON	WSW/656.0	4.32	190
67	WWIS		lot 10 con 2 ON	WSW/656.0	4.32	191

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1505934			
68	WWIS		lot 9 con 2 ON Well ID: 1504656	SW/656.7	1.35	193
69	BORE		ON	WSW/657.6	0.00	196
70	WWIS		lot 20 ON Well ID: 1500320	NNE/663.2	12.00	197
71	BORE		ON	WSW/663.2	-1.70	201
72	WWIS		3626 WOODROFFE AVE lot 10 con 2 NEPEAN ON Well ID: 7112994	WSW/665.3	4.32	202
73	WWIS		lot 11 con 1 ON Well ID: 1504665	W/665.4	11.00	203
74	WWIS		lot 9 con 2 ON Well ID: 1504658	SW/666.0	1.83	206
75	EHS		4650 Spratt Rd Ottawa ON K4M1B2	E/671.2	10.80	209
76	WWIS		lot 10 con 2 ON Well ID: 1512146	WSW/671.3	10.34	209
77	BORE		ON	W/673.5	11.04	213
78	WWIS		lot 10 con 2 ON Well ID: 1505936	W/673.6	11.04	214
79	WWIS		lot 10 con 2 ON Well ID: 1515365	WSW/675.7	9.39	217
79	WWIS		lot 10 con 2 ON	WSW/675.7	9.39	221

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1517095			
79	WWIS		lot 10 con 2 ON Well ID: 1519100	WSW/675.7	9.39	225
80	BORE		ON	WSW/676.0	0.00	228
81	BORE		ON	WSW/676.3	-1.53	229
82	BORE		ON	E/678.1	11.00	230
83	WWIS		lot 22 ON Well ID: 1501673	E/678.1	11.00	230
84	WWIS		686 RIVER ROAD lot 20 con 1 GLOUCESTER ON Well ID: 7156870	NNE/686.3	6.59	233
85	WWIS		55 LODGE ROAD lot 11 con 1 NEPEAN ON Well ID: 7156872	N/691.5	-1.41	235
85	WWIS		55 LODGE ROAD lot 11 con 1 NEPEAN ON Well ID: 7156873	N/691.5	-1.41	236
86	BORE		ON	WSW/693.5	-0.17	238
87	WWIS		680 RIVER RD Ottawa ON Well ID: 7280109	NNE/693.6	11.69	240
88	WWIS		680 RIVER ROAD Ottawa ON Well ID: 7271906	NNE/695.5	11.69	243
89	WWIS		680 RIVER RD Ottawa ON Well ID: 7280111	NNE/700.4	11.43	246
90	WWIS		680 RIVER RD. BARRHAVEN ON	NNE/703.3	11.43	249

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7313162			
91	FST	MACEWEN PETROLEUM INC***	685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	NE/706.2	9.00	251
91	FST	MACEWEN PETROLEUM INC***	685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	NE/706.2	9.00	252
91	FST	MACEWEN PETROLEUM INC***	685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	NE/706.2	9.00	252
91	FST		685 RIVER RD GLOUCESTER ON K1V 1C7	NE/706.2	9.00	253
92	RSC	CITY OF OTTAWA	680 RIVER ROAD, OTTAWA, ON K1V 1G1 Ottawa ON	NNE/710.5	10.96	253
93	WWIS		18 LODGE ROAD lot 10 con 2 OTTAWA ON Well ID: 7163229	WSW/710.8	12.08	254
94	EHS		3704 Prince of Wales Dr. Ottawa ON	SSE/711.1	10.39	256
95	BORE		ON	WSW/712.2	0.92	256
96	BORE		ON	SW/712.3	4.69	258
97	EHS		680 River Road Ottawa ON K1V 1G1	NNE/714.7	11.05	259
98	WWIS		lot 11 con 2 ON Well ID: 1519500	W/716.6	10.97	259
99	WWIS		55 LODGE ROAD lot 11 con 1 NEPEAN ON	N/717.1	-4.25	261

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7156871			
100	WWIS		680 RIVER ROAD Ottawa ON Well ID: 7271907	NNE/718.2	10.54	263
101	WWIS		671 RIVER RD Ottawa ON Well ID: 7237542	NE/720.6	8.20	266
102	WWIS		761 RIVER RD. OTTAWA ON Well ID: 7253974	NE/720.8	8.31	269
103	WWIS		680 RIVER RD Ottawa ON Well ID: 7280110	NNE/722.2	10.07	272
104	WWIS		lot 11 con 2 ON Well ID: 1517697	W/726.7	11.98	275
105	WWIS		671 RIVER RD Ottawa ON Well ID: 7237540	NE/727.7	8.31	278
106	BORE		ON	S/732.2	0.00	281
107	WWIS		lot 22 ON Well ID: 1509609	S/732.3	0.00	282
108	WWIS		680 RIVER ROAD Ottawa ON Well ID: 7271905	NNE/732.4	10.07	285
109	WWIS		680 RIVER RD. BARRHAVEN ON Well ID: 7313065	NNE/733.4	11.05	288
110	WWIS		671 RIVER RD Ottawa ON Well ID: 7290683	NE/734.8	9.03	290
111	BORE		ON	NNW/736.2	0.87	292
112	EBR	CP REIT Ontario Properties Limited	647 Earl Armstrong Road Ottawa K1V 2G2 CITY OF OTTAWA ON	NE/736.9	8.03	294

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
112	ECA	CP REIT Ontario Properties Limited	647 Earl Armstrong Rd Ottawa ON M4T 2Z5	NE/736.9	8.03	295
112	GEN	m.ali pharmacy services corp	647 earl armstrong road Ottawa ON K1V 2G2	NE/736.9	8.03	295
112	ECA	CP REIT Ontario Properties Limited	647 Earl Armstrong Rd Ottawa ON M4T 2Z5	NE/736.9	8.03	295
112	GEN	m.ali pharmacy services corp	647 earl armstrong road Ottawa ON K1V 2G2	NE/736.9	8.03	295
113	WWIS		lot 11 con 2 ON Well ID: 1505956	W/738.9	11.69	296
114	WWIS		680 RIVER RD. BARRHAVEN ON Well ID: 7313163	NNE/739.7	8.37	298
115	WWIS		671 RIVER RD Ottawa ON Well ID: 7237541	NE/741.0	9.00	300
116	WWIS		761 RIVER RD. OTTAWA ON Well ID: 7253976	NE/742.0	9.00	303
117	ECA	Nortel Networks Corporation	Part of Lots 9 & 10, Conc. 1, Carling Lab. #10 Ottawa ON K2H 8E9	SW/745.3	1.00	306
118	WWIS		761 RIVER RD. OTTAWA ON Well ID: 7253975	NE/746.8	9.15	306
119	WWIS		lot 11 con 2 ON Well ID: 1505938	W/752.9	12.03	309
120	BORE		ON	W/752.9	12.03	312
121	WWIS		3566 WOODROOFE lot 11 con 2 NEPEAN ON	W/754.1	10.97	313

<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>
			<i>Well ID:</i> 1534663			
122	WWIS		lot 9 con 2 ON <i>Well ID:</i> 1504657	SW/765.4	4.36	316
123	EHS		Earl Armstrong Drive Ottawa ON	ENE/769.2	8.00	319

Executive Summary: Summary By Data Source

AMIS - Abandoned Mine Information System

A search of the AMIS database, dated 1800-Oct 2018 has found that there are 1 AMIS site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIDMORE THOS QUARRY	GLOUCESTER ON	N	588.75	<u>58</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 26 BORE site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SE	74.70	<u>4</u>
	ON	N	214.52	<u>7</u>
	ON	ENE	222.51	<u>10</u>
	ON	ESE	262.81	<u>16</u>
	ON	NE	319.74	<u>22</u>
	ON	SE	343.83	<u>23</u>
	ON	W	375.50	<u>28</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ON		SE	398.29	31
ON		NNE	492.78	47
ON		WSW	498.59	49
ON		SE	498.62	50
ON		WNW	500.51	53
ON		SSE	635.19	62
ON		WSW	656.00	66
ON		WSW	657.65	69
ON		W	673.51	77
ON		WSW	676.02	80
ON		E	678.12	82

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ON		WSW	712.20	95
ON		SW	712.26	96
ON		S	732.22	106
ON		NNW	736.17	111
ON		W	752.95	120

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ON		WSW	663.23	71
ON		WSW	676.27	81
ON		WSW	693.48	86

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
Carleton Lodge Well Supply	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Dec 31, 2020 has found that there are 1 EASR site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF OTTAWA	55 LODGE RD OTTAWA ON K2C 3H1	W	408.31	33

EBR - Environmental Registry

A search of the EBR database, dated 1994-Nov 30, 2020 has found that there are 1 EBR site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CP REIT Ontario Properties Limited	647 Earl Armstrong Road Ottawa K1V 2G2 CITY OF OTTAWA ON	NE	736.90	112

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 13 ECA site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Riverside South Development Corp.	750 River Rd Ottawa ON K1G 2H5	S	306.92	20
Riverside South Development Corp.	750 River Rd Ottawa ON K1G 2H5	S	306.92	20
Riverside South Development Corp.	750 River Rd Ottawa ON K1G 2H5	S	306.92	20
City of Ottawa	55 Lodge Road Ottawa ON K2G 6J8	W	408.31	33

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	55 Lodge Road Ottawa ON K1P 1J1	W	408.31	33
Minto Developments Inc.	Ottawa ON K1R 7Y2	NW	528.68	55
Minto Developments Inc.	Ottawa ON K1R 7Y2	NW	528.68	55
Minto Developments Inc.	Part of Lots 11, 12, 13 and 14, Concession 1 Ottawa ON K1R 7Y2	NW	528.68	55
Minto Developments Inc.	Ottawa ON K1R 7Y2	NW	528.68	55
Minto Developments Inc.	Ottawa ON K1R 7Y2	NW	528.68	55
CP REIT Ontario Properties Limited	647 Earl Armstrong Rd Ottawa ON M4T 2Z5	NE	736.90	112
CP REIT Ontario Properties Limited	647 Earl Armstrong Rd Ottawa ON M4T 2Z5	NE	736.90	112
Nortel Networks Corporation	Part of Lots 9 & 10, Conc. 1, Carling Lab. #10 Ottawa ON K2H 8E9	SW	745.25	117

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 6 EHS site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	55 Lodge Rd Ottawa ON K2C3H1	W	408.31	33

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	746 River Road Ottawa ON	SSE	520.63	54
	4650 Spratt Rd Ottawa ON K4M1B2	E	671.25	75
	3704 Prince of Wales Dr. Ottawa ON	SSE	711.09	94
	680 River Road Ottawa ON K1V 1G1	NNE	714.69	97
	Earl Armstrong Drive Ottawa ON	ENE	769.20	123

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 4 FST site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
MACEWEN PETROLEUM INC***	685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	NE	706.25	91
MACEWEN PETROLEUM INC***	685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	NE	706.25	91
	685 RIVER RD GLOUCESTER ON K1V 1C7	NE	706.25	91
MACEWEN PETROLEUM INC***	685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	NE	706.25	91

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 12 GEN site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	55 Lodge Road Nepean ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Rd. Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Rd. Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
City of Ottawa	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
Jemcor Elevating Inc.	55 Lodge Road Ottawa ON K2C 3H1	W	408.31	33
m.ali pharmacy services corp	647 earl armstrong road Ottawa ON K1V 2G2	NE	736.90	112

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
m.ali pharmacy services corp	647 earl armstrong road Ottawa ON K1V 2G2	NE	736.90	112

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT 1/2"	448 HARESFIELD CRT,,MANOTICK, ON,K4M 0B6,CA ON	E	219.30	9
ENBRIDGE GAS INC	73 HUBBLE HEIGHTS,,OTTAWA,ON, K4M 0K2,CA ON	ESE	636.29	63
PIPELINE HIT 1/2"	405 GOLDEN SPRING ST,,OTTAWA, ON,K4M 0B8,CA ON	ENE	645.91	64

RSC - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Nov 2020 has found that there are 1 RSC site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
CITY OF OTTAWA	680 RIVER ROAD, OTTAWA, ON K1V 1G1 Ottawa ON	NNE	710.53	92

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019; Jul 2020 - Aug 2020 has found that there are 4 SPL site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Miller Waste Systems Inc.	Ottawa ON	E	593.35	59
Enbridge Energy Distribution Inc.	405 Golden Springs St. Ottawa ON	ENE	645.91	64

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	River Road and Earl Armstrong Rd Ottawa ON	NNE	647.93	65

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE RESIDENCE	18 LODGE ROAD FURNACE OIL TANK NEPEAN CITY ON K2C 3H1	WSW	418.97	35

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 82 WWIS site(s) within approximately 0.78 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 ON <i>Well ID:</i> 1533454	SE	66.70	2
	lot 21 ON <i>Well ID:</i> 1533456	SE	68.90	3
	lot 21 ON <i>Well ID:</i> 1511327	SE	74.73	5
	lot 21 ON <i>Well ID:</i> 1500324	N	214.45	6
	lot 21 ON <i>Well ID:</i> 1500325	E	217.54	8
	lot 21 ON <i>Well ID:</i> 1516160	E	231.77	11
	lot 21 ON <i>Well ID:</i> 1513342	ENE	247.08	12

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 22 ON <i>Well ID:</i> 1510831	ESE	248.52	<u>13</u>
	274 RIVER RD MANOTICK ON <i>Well ID:</i> 7182221	SSE	262.81	<u>15</u>
	lot 22 ON <i>Well ID:</i> 1500326	ESE	262.85	<u>17</u>
	lot 22 ON <i>Well ID:</i> 1500327	ESE	293.55	<u>19</u>
	lot 21 ON <i>Well ID:</i> 1500323	NE	319.71	<u>21</u>
	lot 22 ON <i>Well ID:</i> 1500332	SE	343.87	<u>24</u>
	55 LODGE ROAD lot 11 con 1 MANOTICK ON <i>Well ID:</i> 7125887	WNW	349.48	<u>25</u>
	lot 21 ON <i>Well ID:</i> 1500322	NE	368.11	<u>27</u>
	lot 22 ON <i>Well ID:</i> 1500333	S	378.75	<u>29</u>
	55 LODGE RD lot 11 con 1 OTTAWA ON <i>Well ID:</i> 1536516	NW	398.06	<u>30</u>
	lot 22 ON <i>Well ID:</i> 1500330	SE	398.31	<u>32</u>
	lot 20 ON	NNE	413.23	<u>34</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1500317			
	55 LODGE RD lot 11 con 1 ON	W	425.60	36
	<i>Well ID:</i> 1536511			
	55 LODGE RD lot 11 con 1 OTTAWA ON	W	427.20	37
	<i>Well ID:</i> 1536517			
	lot 11 con 1 ON	WNW	433.99	39
	<i>Well ID:</i> 1516589			
	lot 10 con 1 ON	WSW	440.17	40
	<i>Well ID:</i> 1504663			
	lot 22 ON	SE	441.97	41
	<i>Well ID:</i> 1500328			
	lot 20 ON	NNE	470.78	42
	<i>Well ID:</i> 1500319			
	lot 10 con 1 ON	WSW	475.81	43
	<i>Well ID:</i> 1522199			
	lot 10 con 1 ON	WSW	475.81	43
	<i>Well ID:</i> 1522201			
	lot 10 con 1 ON	WSW	477.66	44
	<i>Well ID:</i> 1530599			
	lot 10 con 1 ON	WSW	482.67	45
	<i>Well ID:</i> 1504662			
	lot 22 ON	SSE	492.19	46
	<i>Well ID:</i> 1510695			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	680 RIVER RD. OTTAWA ON <i>Well ID:</i> 7313066	NNE	495.28	<u>48</u>
	lot 22 ON <i>Well ID:</i> 1500329	SE	498.68	<u>51</u>
	lot 11 con 1 ON <i>Well ID:</i> 1505930	WNW	500.46	<u>52</u>
	lot 10 con 1 ON <i>Well ID:</i> 1513522	WSW	535.01	<u>56</u>
	lot 22 ON <i>Well ID:</i> 1500331	SSE	535.45	<u>57</u>
	752 RIVER ROAD lot 22 con 1 MANOTICK ON <i>Well ID:</i> 7328237	S	597.64	<u>60</u>
	lot 23 ON <i>Well ID:</i> 1500335	SSE	635.19	<u>61</u>
	lot 10 con 2 ON <i>Well ID:</i> 1505934	WSW	656.01	<u>67</u>
	lot 9 con 2 ON <i>Well ID:</i> 1504656	SW	656.65	<u>68</u>
	lot 20 ON <i>Well ID:</i> 1500320	NNE	663.19	<u>70</u>
	3626 WOODROFFE AVE lot 10 con 2 NEPEAN ON <i>Well ID:</i> 7112994	WSW	665.27	<u>72</u>
	lot 11 con 1 ON	W	665.37	<u>73</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1504665			
	lot 9 con 2 ON	SW	666.03	74
	<i>Well ID:</i> 1504658			
	lot 10 con 2 ON	WSW	671.25	76
	<i>Well ID:</i> 1512146			
	lot 10 con 2 ON	W	673.56	78
	<i>Well ID:</i> 1505936			
	lot 10 con 2 ON	WSW	675.65	79
	<i>Well ID:</i> 1515365			
	lot 10 con 2 ON	WSW	675.65	79
	<i>Well ID:</i> 1517095			
	lot 10 con 2 ON	WSW	675.65	79
	<i>Well ID:</i> 1519100			
	lot 22 ON	E	678.14	83
	<i>Well ID:</i> 1501673			
	686 RIVER ROAD lot 20 con 1 GLOUCESTER ON	NNE	686.29	84
	<i>Well ID:</i> 7156870			
	680 RIVER RD Ottawa ON	NNE	693.62	87
	<i>Well ID:</i> 7280109			
	680 RIVER ROAD Ottawa ON	NNE	695.54	88
	<i>Well ID:</i> 7271906			
	680 RIVER RD Ottawa ON	NNE	700.40	89
	<i>Well ID:</i> 7280111			

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	680 RIVER RD. BARRHAVEN ON <i>Well ID:</i> 7313162	NNE	703.29	<u>90</u>
	18 LODGE ROAD lot 10 con 2 OTTAWA ON <i>Well ID:</i> 7163229	WSW	710.76	<u>93</u>
	lot 11 con 2 ON <i>Well ID:</i> 1519500	W	716.59	<u>98</u>
	680 RIVER ROAD Ottawa ON <i>Well ID:</i> 7271907	NNE	718.17	<u>100</u>
	671 RIVER RD Ottawa ON <i>Well ID:</i> 7237542	NE	720.64	<u>101</u>
	761 RIVER RD. OTTAWA ON <i>Well ID:</i> 7253974	NE	720.76	<u>102</u>
	680 RIVER RD Ottawa ON <i>Well ID:</i> 7280110	NNE	722.21	<u>103</u>
	lot 11 con 2 ON <i>Well ID:</i> 1517697	W	726.69	<u>104</u>
	671 RIVER RD Ottawa ON <i>Well ID:</i> 7237540	NE	727.75	<u>105</u>
	lot 22 ON <i>Well ID:</i> 1509609	S	732.30	<u>107</u>
	680 RIVER ROAD Ottawa ON <i>Well ID:</i> 7271905	NNE	732.40	<u>108</u>
	680 RIVER RD. BARRHAVEN ON	NNE	733.44	<u>109</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7313065			
	671 RIVER RD Ottawa ON	NE	734.82	110
	<i>Well ID:</i> 7290683			
	lot 11 con 2 ON	W	738.93	113
	<i>Well ID:</i> 1505956			
	680 RIVER RD. BARRHAVEN ON	NNE	739.73	114
	<i>Well ID:</i> 7313163			
	671 RIVER RD Ottawa ON	NE	741.04	115
	<i>Well ID:</i> 7237541			
	761 RIVER RD. OTTAWA ON	NE	741.96	116
	<i>Well ID:</i> 7253976			
	761 RIVER RD. OTTAWA ON	NE	746.81	118
	<i>Well ID:</i> 7253975			
	lot 11 con 2 ON	W	752.94	119
	<i>Well ID:</i> 1505938			
	3566 WOODROOFE lot 11 con 2 NEPEAN ON	W	754.15	121
	<i>Well ID:</i> 1534663			
	lot 9 con 2 ON	SW	765.36	122
	<i>Well ID:</i> 1504657			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 21 ON	E	22.72	1
	<i>Well ID:</i> 1533455			
	lot 10 con 1 ON	W	258.26	14

Well ID: 1504664

55 LODGE RD lot 10 con 1 W 279.51 [18](#)
OTTAWA ON

Well ID: 1536500

55 LODGE RD lot 11 con 1 NW 354.80 [26](#)
OTTAWA ON

Well ID: 1536515

18 LODGE ROAD lot 10 con 1 WSW 433.53 [38](#)
OTTAWA ON

Well ID: 7163245

55 LODGE ROAD lot 11 con 1 N 691.52 [85](#)
NEPEAN ON

Well ID: 7156872

55 LODGE ROAD lot 11 con 1 N 691.52 [85](#)
NEPEAN ON

Well ID: 7156873

55 LODGE ROAD lot 11 con 1 N 717.11 [99](#)
NEPEAN ON

Well ID: 7156871



Map : 0.775 Kilometer Radius

Order Number: 21011800277

Address: 708 ,720 and 750 River Road, Manotick, ON



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



Aerial Year: 2015

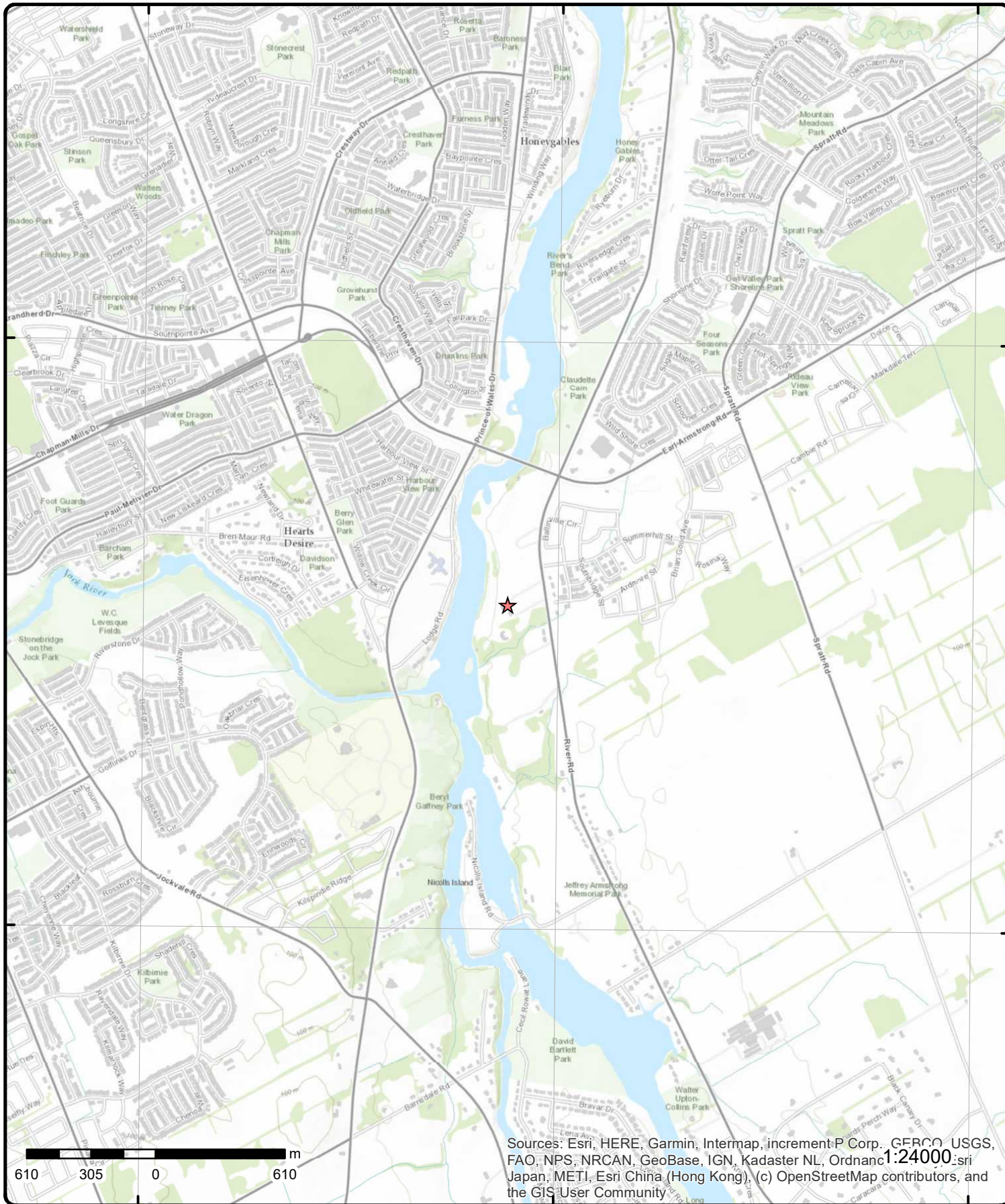
Address: 708 ,720 and 750 River Road, Manotick, ON

Source: ESRI World Imagery

Order Number: 21011800277



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

Topographic Map

Address: 708 ,720 and 750 River Road, ON

Source: ESRI World Topographic Map

Order Number: 21011800277



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	E/22.7	79.8 / -0.08	lot 21 ON	WWIS

<p>Well ID: 1533455</p> <p>Construction Date:</p> <p>Primary Water Use: Not Used</p> <p>Sec. Water Use:</p> <p>Final Well Status: Abandoned-Quality</p> <p>Water Type:</p> <p>Casing Material:</p> <p>Audit No: 248812</p> <p>Tag:</p> <p>Construction Method:</p> <p>Elevation (m):</p> <p>Elevation Reliability:</p> <p>Depth to Bedrock:</p> <p>Well Depth:</p> <p>Overburden/Bedrock:</p> <p>Pump Rate:</p> <p>Static Water Level:</p> <p>Flowing (Y/N):</p> <p>Flow Rate:</p> <p>Clear/Cloudy:</p>	<p>Data Entry Status:</p> <p>Data Src: 1</p> <p>Date Received: 12/23/2002</p> <p>Selected Flag: Yes</p> <p>Abandonment Rec:</p> <p>Contractor: 1119</p> <p>Form Version: 1</p> <p>Owner:</p> <p>Street Name:</p> <p>County: OTTAWA</p> <p>Municipality: GLOUCESTER TOWNSHIP</p> <p>Site Info:</p> <p>Lot: 021</p> <p>Concession:</p> <p>Concession Name: BF</p> <p>Easting NAD83:</p> <p>Northing NAD83:</p> <p>Zone:</p> <p>UTM Reliability:</p>
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533455.pdf

Bore Hole Information

<p>Bore Hole ID: 10530202</p> <p>DP2BR:</p> <p>Spatial Status:</p> <p>Code OB: -</p> <p>Code OB Desc: No formation data</p> <p>Open Hole:</p> <p>Cluster Kind:</p> <p>Date Completed: 11/7/2002</p> <p>Remarks:</p> <p>Elevrc Desc:</p> <p>Location Source Date:</p> <p>Improvement Location Source:</p> <p>Improvement Location Method:</p> <p>Source Revision Comment:</p> <p>Supplier Comment:</p>	<p>Elevation: 88.163932</p> <p>Elevrc:</p> <p>Zone: 18</p> <p>East83: 444868.3</p> <p>North83: 5012502</p> <p>Org CS:</p> <p>UTMRC: 5</p> <p>UTMRC Desc: margin of error : 100 m - 300 m</p> <p>Location Method: gis</p>
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Method of Construction & Well Use

Method Construction ID: 961533455

Method Construction Code: 0

Method Construction: Not Known

Other Method Construction:

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		11078772			
Casing No:		1			
Comment:					
Alt Name:					

<u>2</u>	1 of 1	SE/66.7	80.0 / 0.14	lot 21 ON	WWIS
Well ID:	1533454			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/23/2002
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	1
Audit No:	237963			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533454.pdf

Bore Hole Information

Bore Hole ID:	10530201	Elevation:	88.014953
DP2BR:	58	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444886.3
Code OB Desc:	Bedrock	North83:	5012445
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/7/2002	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gjs
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932881198
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	58

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		101			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932881197			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933230509			
Layer:		1			
Plug From:		2			
Plug To:		66			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961533454			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078771			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930096981			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930096980			
Layer:		2			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930096979			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991533454			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:		65			
Recommended Pump Depth:		65			
Pumping Rate:		30			
Flowing Rate:					
Recommended Pump Rate:		30			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934912886			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		13			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934120208			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		13			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934664342			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		13			
Test Level UOM:		ft			

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

Pump Test Detail ID: 934395062
Test Type: Recovery
Test Duration: 30
Test Level: 13
Test Level UOM: ft

Water Details

Water ID: 934022928
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 89
Water Found Depth UOM: ft

Water Details

Water ID: 934022927
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 70
Water Found Depth UOM: ft

<u>3</u>	1 of 1	SE/68.9	80.9 / 1.00	lot 21 ON	WWIS
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Well ID: 1533456	Data Entry Status:
Construction Date:	Data Src: 1
Primary Water Use: Domestic	Date Received: 12/23/2002
Sec. Water Use:	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 1119
Casing Material:	Form Version: 1
Audit No: 237962	Owner:
Tag:	Street Name:
Construction Method:	County: OTTAWA
Elevation (m):	Municipality: GLOUCESTER TOWNSHIP
Elevation Reliability:	Site Info:
Depth to Bedrock:	Lot: 021
Well Depth:	Concession:
Overburden/Bedrock:	Concession Name: BF
Pump Rate:	Easting NAD83:
Static Water Level:	Northing NAD83:
Flowing (Y/N):	Zone:
Flow Rate:	UTM Reliability:
Clear/Cloudy:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533456.pdf

Bore Hole Information

Bore Hole ID: 10530203	Elevation: 88.002105
DP2BR: 58	Elevrc:
Spatial Status:	Zone: 18
Code OB: r	East83: 444887.3
Code OB Desc: Bedrock	North83: 5012443
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 5
Date Completed: 11/7/2002	UTMRC Desc: margin of error : 100 m - 300 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Location Method:	gis
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932881199			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932881202			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		148			
Formation End Depth:		181			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932881201			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		58			
Formation End Depth:		148			
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:		932881200			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18			
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933230510			
Layer:		1			
Plug From:		2			
Plug To:		67			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961533456			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078773			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930096984			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930096982			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		8			
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:			930096983		
Layer:			2		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:					
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991533456		
Pump Set At:					
Static Level:			56		
Final Level After Pumping:			170		
Recommended Pump Depth:			170		
Pumping Rate:			10		
Flowing Rate:					
Recommended Pump Rate:			10		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			2		
Water State After Test:			CLOUDY		
Pumping Test Method:			1		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:			No		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934912887		
Test Type:			Recovery		
Test Duration:			60		
Test Level:			56		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934395063		
Test Type:			Recovery		
Test Duration:			30		
Test Level:			56		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934664343		
Test Type:			Recovery		
Test Duration:			45		
Test Level:			56		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934120209		
Test Type:			Recovery		
Test Duration:			15		
Test Level:			56		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:	934022930				
Layer:	2				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	173				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	934022929				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	170				
Water Found Depth UOM:	ft				

<u>4</u>	1 of 1	SE/74.7	80.8 / 0.95	ON	BORE
Borehole ID:	612025			Inclin FLG:	No
OGF ID:	215513335			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	MAY-1971			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.263224
Total Depth m:	75.6			Longitude DD:	-75.702572
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444881
Drill Method:				Northing:	5012432
Orig Ground Elev m:	88.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	87.8				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389845			Mat Consistency:	
Top Depth:	20.1			Material Moisture:	
Bottom Depth:	38.1			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. BLUE.				
Geology Stratum ID:	218389843			Mat Consistency:	
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	18.3			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		CLAY. BLUE.		Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389846 38.1 75.6 Grey Sandstone Quartzite			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
		SANDSTONE,QUARTZITE.GREY. 0020000223BEDROCK. SEISMIC VELOCITY = 17000. 200135076 BR **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389842 0 6.1 Brown Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
		CLAY. BROWN.			
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389844 18.3 20.1 Brown Boulders			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	Hard
		HARDPAN,BOULDERS. BROWN.			
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 04533 NTS_Sheet:				
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
<u>5</u>	1 of 1	SE/74.7	80.8 / 0.95	lot 21 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1511327			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/19/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511327.pdf

Bore Hole Information

Bore Hole ID:	10033323	Elevation:	87.812126
DP2BR:	66	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444880.8
Code OB Desc:	Bedrock	North83:	5012432
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	5/17/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931017369
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	66
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931017370
Layer:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		20			
Mat2 Desc:		QUARTZITE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		125			
Formation End Depth:		248			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931017367			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931017366			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931017368			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		66			
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:		961511327			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581893			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930059149			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		71			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930059150			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		248			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991511327			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		120			
Recommended Pump Depth:		125			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097019			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934643417			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		120			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382256			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		120			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900200			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		120			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933466444			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		223			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933466443			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		200			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933466445			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		245			
Water Found Depth UOM:		ft			

<u>6</u>	1 of 1	N/214.4	82.0 / 2.08	lot 21 ON	WWIS
Well ID:	1500324	Data Entry Status:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/3/1963
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500324.pdf

Bore Hole Information

Bore Hole ID:	10022369	Elevation:	84.556686
DP2BR:	64	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444830.8
Code OB Desc:	Bedrock	North83:	5012712
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/23/1963	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930988966
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64
Formation End Depth:	98
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930988964
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			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988967			
Layer:		4			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		98			
Formation End Depth:		205			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988965			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		64			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988968			
Layer:		5			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		205			
Formation End Depth:		211			
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:		961500324			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570939			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037671			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		65			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037672			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		211			
Casing Diameter:		7			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500324			
Pump Set At:					
Static Level:		17			
Final Level After Pumping:		105			
Recommended Pump Depth:		120			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933452841			
Layer:		3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		209			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933452839			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		90			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933452840			
Layer:		2			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		140			
Water Found Depth UOM:		ft			

<u>7</u>	1 of 1	N/214.5	82.0 / 2.08	ON	BORE
Borehole ID:	612045			Inclin FLG:	No
OGF ID:	215513355			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1963			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.265741
Total Depth m:	64.3			Longitude DD:	-75.70324
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444831
Drill Method:				Northing:	5012712
Orig Ground Elev m:	83.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	84.6				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389904	Mat Consistency:	
Top Depth:	29.9	Material Moisture:	
Bottom Depth:	62.5	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Sandstone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SANDSTONE.		
Geology Stratum ID:	218389901	Mat Consistency:	
Top Depth:	0	Material Moisture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	18.3 Clay			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389905 62.5 64.3 Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
				LIMESTONE. 00140STONE. 0. BEDROCK. SEISMIC VELOCITY = 18500. BEDROCK. SEISMIC VELOCI **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389902 18.3 19.5 Gravel			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
				GRAVEL.	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389903 19.5 29.9 Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
				LIMESTONE.	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
				Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 04553 NTS_Sheet:	
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	1 of 1	E/217.5	84.1 / 4.21	lot 21 ON	WWIS

Well ID:	1500325	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/8/1967
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1301
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	BF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500325.pdf

Bore Hole Information

Bore Hole ID:	10022370	Elevation:	88.726943
DP2BR:	60	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445060.8
Code OB Desc:	Bedrock	North83:	5012532
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/22/1967	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930988969
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		930988972			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		60			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930988971			
Layer:		3			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		50			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930988970			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500325			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570940			
Casing No:		1			
Comment:					

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

Construction Record - Casing

Casing ID: 930037673
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 64
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037674
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 85
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500325
 Pump Set At:
 Static Level: 15
 Final Level After Pumping: 20
 Recommended Pump Depth: 25
 Pumping Rate: 30
 Flowing Rate:
 Recommended Pump Rate: 30
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 2
 Water State After Test: CLOUDY
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing: No

Water Details

Water ID: 933452842
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 82
 Water Found Depth UOM: ft

9	1 of 1	E/219.3	84.2 / 4.37	PIPELINE HIT 1/2" 448 HARESFIELD CRT,,MANOTICK,ON,K4M 0B6, CA ON	PINC
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Incident ID:
 Incident No: 1381862
 Incident Reported Dt: 4/28/2014
 Fuel Category:
 Health Impact:
 Environment Impact:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type:	FS-Pipeline Incident			Property Damage:	
Status Code:				Service Interrupt:	
Customer Acct Name:	PIPELINE HIT 1/2"			Enforce Policy:	
Incident Address:	448 HARESFIELD CRT,,MANOTICK,ON,K4M 0B6,CA			Public Relation:	
Tank Status:	Non Mandated			Pipeline System:	
Task No:				Depth:	
Spills Action Centre:				Pipe Material:	
Fuel Type:				PSIG:	
Fuel Occurrence Tp:				Attribute Category:	
Date of Occurrence:				Regulator Location:	
Occurrence Start Dt:				Method Details:	
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

10	1 of 1	ENE/222.5	86.2 / 6.31	ON	BORE
Borehole ID:	612036			Inclin FLG:	No
OGF ID:	215513346			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	4.9			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.264946
Total Depth m:	-999			Longitude DD:	-75.700681
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	445031
Drill Method:				Northing:	5012622
Orig Ground Elev m:	88.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	89.2				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389879			Mat Consistency:	
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	24.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND,BOULDERS. WATER STABLE AT 274.0 FEET.				
Geology Stratum ID:	218389880			Mat Consistency:	
Top Depth:	24.4			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Bedrock Limestone			Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389878 4.6 15.2 Till			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	218389877 0 4.6 Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972 M Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 045440 NTS_Sheet: 31G05B Reliable information but incomplete.			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
11	1 of 1	E/231.8	82.8 / 2.91	lot 21 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m):	1516160 Domestic 0 Water Supply 			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	 1 9/14/1977 Yes 1558 1 OTTAWA GLOUCESTER TOWNSHIP

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516160.pdf

Bore Hole Information

Bore Hole ID:	10038093	Elevation:	87.310859
DP2BR:	70	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445070.8
Code OB Desc:	Bedrock	North83:	5012442
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/4/1977	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931031310
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931031311
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	38
Formation End Depth:	70
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:		931031309			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		9			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931031312			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		70			
Formation End Depth:		175			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961516160			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586663			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067040			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		73			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			930067041		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			175		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991516160		
Pump Set At:					
Static Level:			20		
Final Level After Pumping:			45		
Recommended Pump Depth:			50		
Pumping Rate:			15		
Flowing Rate:					
Recommended Pump Rate:			5		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			1		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:			No		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934101689		
Test Type:			Draw Down		
Test Duration:			15		
Test Level:			45		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934640818		
Test Type:			Draw Down		
Test Duration:			45		
Test Level:			45		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934379306		
Test Type:			Draw Down		
Test Duration:			30		
Test Level:			45		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934898302		
Test Type:			Draw Down		
Test Duration:			60		
Test Level:			45		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:	933472409				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	170				
Water Found Depth UOM:	ft				

12	1 of 1	ENE/247.1	87.9 / 8.00	lot 21 ON	WWIS
Well ID:	1513342		Data Entry Status:		
Construction Date:			Data Src: 1		
Primary Water Use:	Domestic		Date Received: 8/13/1973		
Sec. Water Use:	0		Selected Flag: Yes		
Final Well Status:	Water Supply		Abandonment Rec:		
Water Type:			Contractor: 1558		
Casing Material:			Form Version: 1		
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County: OTTAWA		
Elevation (m):			Municipality: GLOUCESTER TOWNSHIP		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot: 021		
Well Depth:			Concession:		
Overburden/Bedrock:			Concession Name: BF		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513342.pdf				

Bore Hole Information

Bore Hole ID:	10035329	Elevation:	89.216896
DP2BR:	73	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445030.8
Code OB Desc:	Bedrock	North83:	5012662
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	6
Date Completed:	7/4/1973	UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:		Location Method:	p6
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931023090
Layer:	2
Color:	6
General Color:	BROWN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931023091			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931023093			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		73			
Formation End Depth:		220			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931023094			
Layer:		6			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		220			
Formation End Depth:		272			
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:		931023089			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931023092			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		60			
Formation End Depth:		73			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961513342			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10583899			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930062575			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		75			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pump Test ID:		991513342			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		50			
Recommended Pump Depth:		60			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639564			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934099038			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378569			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934897035			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933468873			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		271			
Water Found Depth UOM:		ft			
<hr/>					
13	1 of 1	ESE/248.5	83.6 / 3.69	lot 22 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1510831			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/28/1970
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510831.pdf

Bore Hole Information

Bore Hole ID:	10032836	Elevation:	88.753211
DP2BR:	72	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445030.8
Code OB Desc:	Bedrock	North83:	5012332
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/15/1970	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931015924
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	55
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931015925
Layer:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:	2				
General Color:		GREY			
Mat1:	09				
Most Common Material:		MEDIUM SAND			
Mat2:	13				
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:	55				
Formation End Depth:	72				
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931015926				
Layer:	3				
Color:	2				
General Color:		GREY			
Mat1:	18				
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	72				
Formation End Depth:	94				
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961510831				
Method Construction Code:	1				
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10581406				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930058226				
Layer:	1				
Material:	1				
Open Hole or Material:		STEEL			
Depth From:					
Depth To:	77				
Casing Diameter:	5				
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:	930058227				
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:		94			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510831			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		60			
Recommended Pump Depth:		80			
Pumping Rate:		9			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380128			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097393			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899046			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641704			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933465861			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	92				
Water Found Depth UOM:	ft				

14	1 of 1	W/258.3	75.9 / -3.98	lot 10 con 1 ON	WWIS
Well ID:	1504664			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/21/1964
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4216
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504664.pdf

Bore Hole Information

Bore Hole ID:	10026707	Elevation:	78.817199
DP2BR:	58	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444595.7
Code OB Desc:	Bedrock	North83:	5012562
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/20/1964	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931000100
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		58			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931000101			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		58			
Formation End Depth:		175			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961504664			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10575277			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930046150			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		175			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930046149			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		991504664			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:		60			
Recommended Pump Depth:		75			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		75			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID:	933457965
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	175
Water Found Depth UOM:	ft

15	1 of 1	SSE/262.8	81.9 / 2.00	274 RIVER RD MANOTICK ON	WWIS
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Well ID:	7182221	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	6/11/2012
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	6894
Casing Material:		Form Version:	7
Audit No:	Z126082	Owner:	
Tag:	A061839	Street Name:	274 RIVER RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/718\7182221.pdf

Bore Hole Information

Bore Hole ID:	1003879095	Elevation:	86.748977
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444890
Code OB Desc:		North83:	5012239
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/25/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr

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>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004337748			
Layer:		2			
Plug From:		2			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004337747			
Layer:		1			
Plug From:		45.6			
Plug To:		2			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004337746			
Method Construction Code:		A			
Method Construction:		Digging			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004337740			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004337744			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:		60			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1004337745			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1004337743			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004337742			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

<u>16</u>	1 of 1	ESE/262.8	84.0 / 4.16	ON	BORE
Borehole ID:	612022			Inclin FLG:	No
OGF ID:	215513332			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUL-1957			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.262609
Total Depth m:	15.5			Longitude DD:	-75.700142
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	445071
Drill Method:				Northing:	5012362
Orig Ground Elev m:	88.7			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	88.9				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389834	Mat Consistency:	
Top Depth:	14	Material Moisture:	
Bottom Depth:	15.5	Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 000510.0 FEET.BEDROCK,LIMESTONE. NE. 00080CK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		
Geology Stratum ID:	218389833	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	14	Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Ident:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 04530 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
17	1 of 1	ESE/262.8	84.0 / 4.16	lot 22 ON	WWIS
Well ID:	1500326			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/14/1957
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500326.pdf				
Bore Hole Information					
Bore Hole ID:	10022371			Elevation:	88.935165
DP2BR:	46			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	445070.8
Code OB Desc:	Bedrock			North83:	5012362
Open Hole:				Org CS:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	5
Date Completed:	7/6/1957			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988974			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		46			
Formation End Depth:		51			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988973			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961500326			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570941			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037676			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		51			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037675			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500326			
Pump Set At:					
Static Level:		11			
Final Level After Pumping:		16			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933452843			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		51			
Water Found Depth UOM:		ft			
<hr/>					
18	1 of 1	W/279.5	75.9 / -4.00	55 LODGE RD lot 10 con 1 OTTAWA ON	WWIS
Well ID:	1536500			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/1/2006
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	4006
Casing Material:				Form Version:	3
Audit No:	Z40116			Owner:	
Tag:	A036336			Street Name:	55 LODGE RD
Construction Method:				County:	OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):				Municipality:	15000
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536500.pdf

Bore Hole Information

Bore Hole ID:	11550566	Elevation:	80.803619
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444567.2
Code OB Desc:	No formation data	North83:	5012519
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	2/6/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment

Sealing Record

Plug ID:	933298373
Layer:	1
Plug From:	62
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961536500
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	11560173
Casing No:	1
Comment:	
Alt Name:	

19	1 of 1	ESE/293.6	85.3 / 5.42	lot 22 ON	WWIS
Well ID:	1500327	Data Entry Status:			
Construction Date:		Data Src:	1		
Primary Water Use:	Domestic	Date Received:	8/14/1957		
Sec. Water Use:	0	Selected Flag:	Yes		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500327.pdf

Bore Hole Information

Bore Hole ID:	10022372	Elevation:	88.767036
DP2BR:	46	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445080.8
Code OB Desc:	Bedrock	North83:	5012322
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/18/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930988976
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	46
Formation End Depth:	51
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930988975
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			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961500327			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10570942			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930037677			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930037678			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		51			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991500327			
Pump Set At:					
Static Level:		11			
Final Level After Pumping:		16			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR: Pumping Duration MIN: Flowing:		1 0 No			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		933452844 1 1 FRESH 51 ft			
20	1 of 3	S/306.9	82.0 / 2.14	Riverside South Development Corp. 750 River Rd Ottawa ON K1G 2H5	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		7178-B3FHZ5 2018-08-20 Revoked and/or Replaced ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 750 River Rd https://www.accessenvironment.ene.gov.on.ca/instruments/3523-B36J44-14.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	
20	2 of 3	S/306.9	82.0 / 2.14	Riverside South Development Corp. 750 River Rd Ottawa ON K1G 2H5	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		7890-B4CNRH 2018-09-07 Revoked and/or Replaced ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 750 River Rd https://www.accessenvironment.ene.gov.on.ca/instruments/9595-B43NHT-13.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	
20	3 of 3	S/306.9	82.0 / 2.14	Riverside South Development Corp. 750 River Rd Ottawa ON K1G 2H5	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:		6798-B9LR4Y 2019-03-05 Approved ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 750 River Rd https://www.accessenvironment.ene.gov.on.ca/instruments/4920-B57P8W-13.pdf		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	NE/319.7	87.6 / 7.69	lot 21 ON	WWIS

Well ID:	1500323	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/14/1954
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3601
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	BF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500323.pdf

Bore Hole Information

Bore Hole ID:	10022368	Elevation:	89.461837
DP2BR:	70	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445010.8
Code OB Desc:	Bedrock	North83:	5012772
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/24/1954	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930988960
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	57
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:			930988963		
Layer:			4		
Color:					
General Color:					
Mat1:			18		
Most Common Material:			SANDSTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			200		
Formation End Depth:			250		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			930988962		
Layer:			3		
Color:					
General Color:					
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			70		
Formation End Depth:			200		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			930988961		
Layer:			2		
Color:					
General Color:					
Mat1:			09		
Most Common Material:			MEDIUM SAND		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			57		
Formation End Depth:			70		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961500323		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10570938		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930037670
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 250
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930037669
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 76
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500323
 Pump Set At:
 Static Level: 40
 Final Level After Pumping: 40
 Recommended Pump Depth:
 Pumping Rate: 5
 Flowing Rate:
 Recommended Pump Rate:
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 1
 Pumping Duration HR: 2
 Pumping Duration MIN: 0
 Flowing: No

Water Details

Water ID: 933452838
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 240
 Water Found Depth UOM: ft

[22](#) 1 of 1 NE/319.7 87.6 / 7.69 ON **BORE**

Borehole ID: 612050 Incl FLG: No
 OGF ID: 215513360 SP Status: Initial Entry
 Status: Surv Elev: No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1954			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.266295
Total Depth m:	76.2			Longitude DD:	-75.700952
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	445011
Drill Method:				Northing:	5012772
Orig Ground Elev m:	89			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	89.5				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389917			Mat Consistency:	
Top Depth:	17.4			Material Moisture:	
Bottom Depth:	21.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218389919			Mat Consistency:	
Top Depth:	61			Material Moisture:	
Bottom Depth:	76.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sandstone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SANDSTONE. 00240FIED. 001350. BEDROCK. SEISMIC VELOCITY = 18500. BEDROCK. SEISM **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218389916			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	17.4			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BLUE.				
Geology Stratum ID:	218389918			Mat Consistency:	
Top Depth:	21.3			Material Moisture:	
Bottom Depth:	61			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 04558 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

23	1 of 1	SE/343.8	85.9 / 6.00	ON	BORE
Borehole ID:	612017			Inclin FLG:	No
OGF ID:	215513327			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1961			Municipality:	
Static Water Level:	-3.4			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.261165
Total Depth m:	36.6			Longitude DD:	-75.700762
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	445021
Drill Method:				Northing:	5012202
Orig Ground Elev m:	89.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	87.8				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum					
Geology Stratum ID:	218389822			Mat Consistency:	
Top Depth:	26.8			Material Moisture:	
Bottom Depth:	36.6			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. GREY. 00120304.0 FEET.TE,SAND. BLACK. 00080CK. SEISMIC VELOCITY = 14500.				
Geology Stratum ID:	218389821			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	26.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:	Boulders			Geologic Group: Geologic Period: Depositional Gen:	
		CLAY,BOULDERS.			
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey	Geological Survey of Canada	1956-1972	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS)	File: OTTAWA1.txt RecordID: 04525 NTS_Sheet:		
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1	Data Survey	1956-1972	Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
		Varies			Urban Geology Automated Information System (UGAIS) Geological Survey of Canada

<u>24</u>	1 of 1	SE/343.9	85.9 / 6.00	lot 22 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1500332	Domestic	0	Water Supply	
				Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 7/4/1961 Yes 1301 1 OTTAWA GLOUCESTER TOWNSHIP 022 BF
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500332.pdf				

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10022377	88	r	Bedrock	6/6/1961	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	87.818252 18 445020.8 5012202 5 margin of error : 100 m - 300 m
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Location Method: p5	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988986			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		88			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988987			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		88			
Formation End Depth:		120			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961500332			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570947			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037687			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		88			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037689			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		120			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037688			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		98			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500332			
Pump Set At:					
Static Level:		25			
Final Level After Pumping:		27			
Recommended Pump Depth:		27			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933452849			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7125887			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	7/17/2009
Sec. Water Use:	Not Used			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7147
Casing Material:				Form Version:	5
Audit No:	M04171			Owner:	
Tag:	A085126			Street Name:	55 LODGE ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7125887.pdf

Bore Hole Information

Bore Hole ID:	1002808433	Elevation:	83.876129
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444550
Code OB Desc:		North83:	5012684
Open Hole:		Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet	UTMRC:	3
Date Completed:		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1002808437
Layer:	
Plug From:	
Plug To:	
Plug Depth UOM:	

Method of Construction & Well Use

Method Construction ID:	1002808436
Method Construction Code:	
Method Construction:	
Other Method Construction:	AUGER

Pipe Information

Pipe ID:	1002808438
Casing No:	0

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1002808440			
<i>Layer:</i>					
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>					
<i>Depth To:</i>		1.5			
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>					
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1002808439			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>		1.5			
<i>Screen End Depth:</i>		4.6			
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1002808441			
<i>Pump Set At:</i>					
<i>Static Level:</i>		2			
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>					
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1002808435			
<i>Diameter:</i>		11.4			
<i>Depth From:</i>					
<i>Depth To:</i>		4.6			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1002808406		<i>Elevation:</i>	83.556877	
<i>DP2BR:</i>			<i>Elevrc:</i>		
<i>Spatial Status:</i>			<i>Zone:</i>	18	
<i>Code OB:</i>			<i>East83:</i>	444578	
<i>Code OB Desc:</i>			<i>North83:</i>	5012675	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:	6/24/2009			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002808410			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002808409			
Method Construction Code:					
Method Construction:					
Other Method Construction:		AUGER			
<u>Pipe Information</u>					
Pipe ID:		1002808411			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002808413			
Layer:					
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:					
Depth To:		1.5			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002808412			
Layer:					
Slot:					
Screen Top Depth:		1.5			
Screen End Depth:		7.6			
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		1002808414			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Hole Diameter</u>					
Hole ID:		1002808408			
Diameter:		11.4			
Depth From:					
Depth To:		7.6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002532732			Elevation:	83.556877
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	444578
Code OB Desc:				North83:	5012675
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	6/24/2009			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002808445			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		.75			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			1002808446		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			06		
Mat2 Desc:			SILT		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			1.5		
Formation End Depth:			7.6		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1002808444		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			05		
Mat2 Desc:			CLAY		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			.75		
Formation End Depth UOM:			m		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1002808450		
Layer:			3		
Plug From:			1.5		
Plug To:			7.6		
Plug Depth UOM:			m		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1002808451		
Layer:			4		
Plug From:					
Plug To:			7.6		
Plug Depth UOM:			m		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:			1002808448		
Layer:			1		
Plug From:			0		
Plug To:			0.2		
Plug Depth UOM:			m		
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1002808449			
Layer:		2			
Plug From:		0.2			
Plug To:		1.5			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002808457			
Method Construction Code:		B			
Method Construction:		Other Method			
Other Method Construction:		PORT AUGER			
<u>Pipe Information</u>					
Pipe ID:		1002808442			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002808453			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		7.6			
Casing Diameter:		5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002808454			
Layer:		1			
Slot:		.01			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.4			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002808443			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:					
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		1002808452			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		2			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002808447			
Diameter:		11.4			
Depth From:		0			
Depth To:		7.6			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002808415			Elevation:	83.698905
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	444571
Code OB Desc:				North83:	5012672
Open Hole:				Org CS:	UTM83
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:				UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002808419			
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002808418			
Method Construction Code:					
Method Construction:					
Other Method Construction:		AUGER			
<u>Pipe Information</u>					
Pipe ID:		1002808420			
Casing No:		0			
Comment:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1002808422			
<i>Layer:</i>					
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>					
<i>Depth To:</i>		1.5			
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>					
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1002808421			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>		1.5			
<i>Screen End Depth:</i>		4.6			
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1002808423			
<i>Pump Set At:</i>					
<i>Static Level:</i>		2			
<i>Final Level After Pumping:</i>					
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>					
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>					
<i>Water State After Test Code:</i>					
<i>Water State After Test:</i>					
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>					
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1002808417			
<i>Diameter:</i>		11.4			
<i>Depth From:</i>					
<i>Depth To:</i>		4.6			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
<u>Bore Hole Information</u>					
<i>Bore Hole ID:</i>	1002808424		<i>Elevation:</i>	83.833473	
<i>DP2BR:</i>			<i>Elevrc:</i>		
<i>Spatial Status:</i>			<i>Zone:</i>	18	
<i>Code OB:</i>			<i>East83:</i>	444560	
<i>Code OB Desc:</i>			<i>North83:</i>	5012673	
<i>Open Hole:</i>			<i>Org CS:</i>	UTM83	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:	This is a record from cluster log sheet			UTMRC:	3
Date Completed:				UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1002808428				
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1002808427				
Method Construction Code:					
Method Construction:					
Other Method Construction:	AUGER				
<u>Pipe Information</u>					
Pipe ID:	1002808429				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1002808431				
Layer:					
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:	1.5				
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1002808430				
Layer:					
Slot:					
Screen Top Depth:	1.5				
Screen End Depth:	4.6				
Screen Material:					
Screen Depth UOM:	m				
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:	1002808432				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:					
Static Level:	2				
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	m				
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
Hole Diameter					
Hole ID:	1002808426				
Diameter:	11.4				
Depth From:					
Depth To:	4.6				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				

26	1 of 1	NW/354.8	75.8 / -4.12	55 LODGE RD lot 11 con 1 OTTAWA ON	WWIS
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Well ID:	1536515	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	8/1/2006
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	4006
Casing Material:		Form Version:	3
Audit No:	Z40112	Owner:	
Tag:	A036332	Street Name:	55 LODGE RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	15000
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	011
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	RF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536515.pdf

Bore Hole Information

Bore Hole ID:	11550581	Elevation:	81.23957
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444609.9
Code OB Desc:	No formation data	North83:	5012763
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	2/6/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			

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

Annular Space/Abandonment Sealing Record

Plug ID: 933298878
 Layer: 1
 Plug From: 110
 Plug To: 0
 Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961536515
 Method Construction Code:
 Method Construction:
 Other Method Construction:

Pipe Information

Pipe ID: 11560188
 Casing No: 1
 Comment:
 Alt Name:

27	1 of 1	NE/368.1	87.9 / 8.00	lot 21 ON	WWIS
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Well ID:	1500322	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/9/1954
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3113
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	BF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500322.pdf

Bore Hole Information

Bore Hole ID:	10022367	Elevation:	89.369125
DP2BR:	71	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445020.8

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	5012822
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	9/15/1954			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 930988956
Layer: 1
Color: 7
General Color: RED
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930988957
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Mat2 Desc: BOULDERS
Mat3:
Mat3 Desc:
Formation Top Depth: 21
Formation End Depth: 68
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 930988959
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 71
Formation End Depth: 103
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:		930988958			
Layer:		3			
Color:					
General Color:					
Mat1:		07			
Most Common Material:		QUICKSAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		68			
Formation End Depth:		71			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500322			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570937			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037667			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		71			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037666			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		70			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037668			
Layer:		3			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		103			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991500322			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		47			
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933452837			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		77			
Water Found Depth UOM:		ft			

28 1 of 1 W/375.5 82.1 / 2.19 ON BORE

Borehole ID:	612028	Inclin FLG:	No
OGF ID:	215513338	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:		Municipality:	
Static Water Level:	6.7	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.263913
Total Depth m:	-999	Longitude DD:	-75.707807
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	444471
Drill Method:		Northing:	5012512
Orig Ground Elev m:	85.3	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	85.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID: 218389852 **Mat Consistency:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	0			Material Moisture:	
Bottom Depth:	.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY.			
Geology Stratum ID:	218389854			Mat Consistency:	
Top Depth:	.9			Material Moisture:	
Bottom Depth:	14.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY.			
Geology Stratum ID:	218389853			Mat Consistency:	
Top Depth:	.6			Material Moisture:	
Bottom Depth:	.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Boulders			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BOULDERS.			
Geology Stratum ID:	218389856			Mat Consistency:	
Top Depth:	20.4			Material Moisture:	
Bottom Depth:	31.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY,BOULDERS.			
Geology Stratum ID:	218389857			Mat Consistency:	
Top Depth:	31.7			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK,LIMESTONE. 0223BEDROCK. SEISMIC VELOCITY = 17000. 200135076 BROWN,GREY,STI **Note: Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	218389855			Mat Consistency:	
Top Depth:	14.3			Material Moisture:	
Bottom Depth:	20.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY,GRAVEL. WATER STABLE AT 258.0 FEET.			

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

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 045360 NTS_Sheet: 31G05B
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

29	1 of 1	S/378.8	82.9 / 3.00	lot 22 ON	WWIS
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Well ID: 1500333
Construction Date:
Primary Water Use: Not Used
Sec. Water Use: 0
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/14/1961
Selected Flag: Yes
Abandonment Rec:
Contractor: 1802
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 022
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500333.pdf

Bore Hole Information

Bore Hole ID: 10022378
DP2BR:
Spatial Status:
Code OB: 0
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 8/17/1961
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation: 88.030281
Elevrc:
Zone: 18
East83: 444890.8
North83: 5012122
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
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Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 930988988
 Layer: 1
 Color:
 General Color:
 Mat1: 09
 Most Common Material: MEDIUM SAND
 Mat2: 05
 Mat2 Desc: CLAY
 Mat3: 13
 Mat3 Desc: BOULDERS
 Formation Top Depth: 0
 Formation End Depth: 35
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 930988989
 Layer: 2
 Color:
 General Color:
 Mat1: 11
 Most Common Material: GRAVEL
 Mat2: 09
 Mat2 Desc: MEDIUM SAND
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 35
 Formation End Depth: 42
 Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961500333
 Method Construction Code: 7
 Method Construction: Diamond
 Other Method Construction:

Pipe Information

Pipe ID: 10570948
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930037690
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 30
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

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

Casing ID: 930037691
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 42
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500333
Pump Set At:
Static Level: 4
Final Level After Pumping: 35
Recommended Pump Depth: 35
Pumping Rate: 127
Flowing Rate:
Recommended Pump Rate: 120
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

Water Details

Water ID: 933452850
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

[30](#) 1 of 1 **NW/398.1** **79.9 / 0.00** **55 LODGE RD lot 11 con 1**
OTTAWA ON **WWIS**

<p> Well ID: 1536516 Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Abandoned-Other Water Type: Casing Material: Audit No: Z40119 Tag: A036331 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): </p>	<p> Data Entry Status: Data Src: Date Received: 8/1/2006 Selected Flag: Yes Abandonment Rec: Yes Contractor: 4006 Form Version: 3 Owner: Street Name: 55 LODGE RD County: OTTAWA Municipality: 15000 Site Info: Lot: 011 Concession: 01 Concession Name: RF Easting NAD83: Northing NAD83: Zone: </p>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Flow Rate:
Clear/Cloudy: UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536516.pdf

Bore Hole Information

Bore Hole ID:	11550582	Elevation:	83.837295
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	—	East83:	444565.9
Code OB Desc:	No formation data	North83:	5012781
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	2/6/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933298888
Layer:	1
Plug From:	26
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961536516
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	11560189
Casing No:	1
Comment:	
Alt Name:	

31	1 of 1	SE/398.3	86.8 / 6.92	ON	BORE
Borehole ID:	612015	Inclin FLG:	No		
OGF ID:	215513325	SP Status:	Initial Entry		
Status:		Surv Elev:	No		
Type:	Borehole	Piezometer:	No		
Use:		Primary Name:			
Completion Date:	NOV-1957	Municipality:			
Static Water Level:	-3.0	Lot:			
Primary Water Use:		Township:			
Sec. Water Use:		Latitude DD:	45.261081		
Total Depth m:	15.8	Longitude DD:	-75.699741		
Depth Ref:	Ground Surface	UTM Zone:	18		
Depth Elev:		Easting:	445101		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Drill Method: Orig Ground Elev m: 89.6 Elev Reliabil Note: DEM Ground Elev m: 88.7 Concession: Location D: Survey D: Comments:				Northing: 5012192 Location Accuracy: Accuracy: Not Applicable	
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218389818 Top Depth: 14 Bottom Depth: 15.8 Material Color: Black Material 1: Limestone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: LIMESTONE. 0005200094LE AT 304.0 FEET.TE,SAND. BLACK. 00080CK. SEISMIC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218389817 Top Depth: 0 Bottom Depth: 14 Material Color: Material 1: Clay Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
<u>Source</u>					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 04523 NTS_Sheet: Confiden 1:				Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level	
<u>Source List</u>					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada				Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator	
32	1 of 1	SE/398.3	86.8 / 6.92	lot 22 ON	WWIS
Well ID: 1500330 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply				Data Entry Status: Data Src: 1 Date Received: 11/26/1957 Selected Flag: Yes Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500330.pdf

Bore Hole Information

Bore Hole ID:	10022375	Elevation:	88.674209
DP2BR:	46	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445100.8
Code OB Desc:	Bedrock	North83:	5012192
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/14/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	930988981
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	46
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	930988982
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		46			
Formation End Depth:		52			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961500330			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10570945			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930037684			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		52			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930037683			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991500330			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		16			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN: Flowing:		0 No			
<u>Water Details</u>					
Water ID:		933452847			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52			
Water Found Depth UOM:		ft			
33	1 of 16	W/408.3	82.9 / 3.00	Carleton Lodge Well Supply 55 Lodge Road Ottawa ON K2C 3H1	CA
Certificate #:		9304-549NPT			
Application Year:		02			
Issue Date:		1/2/02			
Approval Type:		Municipal & Private water			
Status:		Approved			
Application Type:		New Certificate of Approval			
Client Name:		City of Ottawa			
Client Address:		110 Laurier Avenue West			
Client City:		City of Ottawa			
Client Postal Code:		K1P 1J1			
Project Description:		a water well supply system (2 wells) rated for 851 m3/day with water treatment and storage works generally consisting of disinfection using sodium hypochlorite, a 340 m3 underground storage reservoir, two domestic water supply pumps, two water softeners and two fire pumps. the water system provides water for the residents and staff of the carleton lodge long term care facility.			
Contaminants:					
Emission Control:					
33	2 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Nepean ON K2C 3H1	GEN
Generator No:		ON8055685		PO Box No:	
Status:				Country:	
Approval Years:		02,03,04,05,06		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
33	3 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Rd.	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Ottawa ON K2C 3H1</i>					
Generator No:	ON5372150			PO Box No:	
Status:				Country:	
Approval Years:	07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:	Other Local Municipal and Regional Public Administration				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
33	4 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2C 3H1	CA
Certificate #:	3-0834-87-006				
Application Year:	2004				
Issue Date:	9/23/2004				
Approval Type:	Municipal and Private Sewage Works				
Status:	Approved				
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
33	5 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Rd. Ottawa ON K2C 3H1	GEN
Generator No:	ON5372150			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				
SIC Description:	Other Local Municipal and Regional Public Administration				
<u>Detail(s)</u>					
Waste Class:	221				
Waste Class Desc:	LIGHT FUELS				
33	6 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON	GEN
Generator No:	ON2825122			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	913910				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:					
Detail(s)					
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
33	7 of 16	W/408.3	82.9 / 3.00	CITY OF OTTAWA 55 LODGE RD OTTAWA ON K2C 3H1	EASR
Approval No:	R-002-8500959220		SWP Area Name:	Rideau Valley	
Status:	REGISTERED		MOE District:	Ottawa	
Date:	2015-04-17		Municipality:	OTTAWA	
Record Type:	EASR		Latitude:	45.26416667	
Link Source:	MOFA		Longitude:	-75.70666667	
Project Type:	Standby Power System		Geometry X:		
Full Address:			Geometry Y:		
Approval Type:	EASR-Standby Power System				
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2014132				
33	8 of 16	W/408.3	82.9 / 3.00	55 Lodge Rd Ottawa ON K2C3H1	EHS
Order No:	20160525115		Nearest Intersection:		
Status:	C		Municipality:	City of Ottawa	
Report Type:	Custom Report		Client Prov/State:	ON	
Report Date:	01-JUN-16		Search Radius (km):	.25	
Date Received:	25-MAY-16		X:	-75.708593	
Previous Site Name:			Y:	45.263201	
Lot/Building Size:					
Additional Info Ordered:	City Directory; Aerial Photos				
33	9 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K1P 1J1	ECA
Approval No:	9304-549NPT		MOE District:	Ottawa	
Approval Date:	2002-01-02		City:		
Status:	Approved		Longitude:	-75.7061	
Record Type:	ECA		Latitude:	45.303374999999996	
Link Source:	IDS		Geometry X:		
SWP Area Name:	Rideau Valley		Geometry Y:		
Approval Type:	ECA-Municipal and Private Water Works				
Project Type:	Municipal and Private Water Works				
Address:	55 Lodge Road				
Full Address:					
Full PDF Link:					
33	10 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2G 6J8	ECA
Approval No:	3-0834-87-006		MOE District:	Ottawa	
Approval Date:	2004-09-23		City:		
Status:	Approved		Longitude:	-75.7061	
Record Type:	ECA		Latitude:	45.303374999999996	
Link Source:	IDS		Geometry X:		
SWP Area Name:	Rideau Valley		Geometry Y:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Type: Project Type: Address: Full Address: Full PDF Link:		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 55 Lodge Road https://www.accessenvironment.ene.gov.on.ca/instruments/3851-649KKG-14.pdf			
33	11 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2C 3H1	GEN
Generator No:	ON2825122			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Kelly Amon
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.33301
SIC Code:	913910				
SIC Description:	913910				
<u>Detail(s)</u>					
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
33	12 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2C 3H1	GEN
Generator No:	ON2825122			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Corrado Falcucci
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.12034
SIC Code:	913910				
SIC Description:	913910				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
33	13 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2C 3H1	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON2825122			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Corrado Falcucci
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.12034
SIC Code:	913910				
SIC Description:	913910				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				

33	14 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2C 3H1	GEN
Generator No:	ON2825122			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	112 C				
Waste Class Desc:	Acid solutions - containing heavy metals				
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
Waste Class:	263 I				
Waste Class Desc:	Misc. waste organic chemicals				
Waste Class:	331 I				
Waste Class Desc:	Waste compressed gases including cylinders				

33	15 of 16	W/408.3	82.9 / 3.00	City of Ottawa 55 Lodge Road Ottawa ON K2C 3H1	GEN
Generator No:	ON2825122			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

33	16 of 16	W/408.3	82.9 / 3.00	Jemcor Elevating Inc. 55 Lodge Road Ottawa ON K2C 3H1	GEN
Generator No:	ON9260154			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				

34	1 of 1	NNE/413.2	88.0 / 8.08	lot 20 ON	WWIS
Well ID:	1500317			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Livestock			Date Received:	12/13/1951
Sec. Water Use:	Domestic			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	020
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500317.pdf				

Bore Hole Information

Bore Hole ID:	10022362	Elevation:	88.774246
DP2BR:	60	Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:	r			East83:	444970.8
Code OB Desc:	Bedrock			North83:	5012892
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	6/30/1950			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 930988937
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 50
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930988938
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 60
Formation End Depth: 72
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930988936
Layer: 2
Color: 2
General Color: GREY
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30
Formation End Depth: 50

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:		930988935			
Layer:		1			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500317			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570932			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037657			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		72			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037656			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		65			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500317			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		30			
Recommended Pump Depth:					
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933452830			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		67			
Water Found Depth UOM:		ft			

35	1 of 1	WSW/419.0	77.1 / -2.78	PRIVATE RESIDENCE 18 LODGE ROAD FURNACE OIL TANK NEPEAN CITY ON K2C 3H1	SPL
Ref No:		96170		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		2/2/1994		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		UNDERGROUND TANK LEAK		Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:		POSSIBLE		Site Municipality: 20104	
Nature of Impact:		Soil contamination		Site Lot:	
Receiving Medium:		LAND		Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		2/8/1994		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:		CORROSION		Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		PRIVATE RESIDENCE-600-700LITRES FURNACE OIL TO GROUND FROM U/G TANK.			
Contaminant Qty:					

36	1 of 1	W/425.6	84.1 / 4.25	55 LODGE RD lot 11 con 1 ON	WWIS
Well ID:		1536511		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received: 8/1/2006	
Sec. Water Use:				Selected Flag: Yes	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	4006
Casing Material:				Form Version:	3
Audit No:	Z40117			Owner:	
Tag:	A036337			Street Name:	55 LODGE RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	15000
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536511.pdf

Bore Hole Information

Bore Hole ID:	11550577	Elevation:	87.608535
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	—	East83:	444425.3
Code OB Desc:	No formation data	North83:	5012563
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	2/6/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933298387
Layer:	1
Plug From:	30
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961536511
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	11560184
Casing No:	1
Comment:	
Alt Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 1	W/427.2	83.9 / 4.00	55 LODGE RD lot 11 con 1 OTTAWA ON	WWIS

Well ID:	1536517	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	8/1/2006
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	4006
Casing Material:		Form Version:	3
Audit No:	Z40115	Owner:	
Tag:	A036335	Street Name:	55 LODGE RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	15000
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	011
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	RF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536517.pdf

Bore Hole Information

Bore Hole ID:	11550583	Elevation:	87.106307
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	—	East83:	444431.3
Code OB Desc:	No formation data	North83:	5012601
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	2/6/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933298889
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961536517
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		11560190			
Casing No:		1			
Comment:					
Alt Name:					

38	1 of 1	WSW/433.5	75.6 / -4.23	18 LODGE ROAD lot 10 con 1 OTTAWA ON	WWIS
Well ID:	7163245			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/18/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z119809			Owner:	
Tag:	A105579			Street Name:	18 LODGE ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7167163245.pdf

Bore Hole Information

Bore Hole ID:	1003510562	Elevation:	79.822975
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444473
Code OB Desc:		North83:	5012277
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	3/1/2011	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1003901182
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	66

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:			188		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1003901183		
Layer:			4		
Color:			2		
General Color:			GREY		
Mat1:			18		
Most Common Material:			SANDSTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			188		
Formation End Depth:			328		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1003901181		
Layer:			2		
Color:					
General Color:					
Mat1:			28		
Most Common Material:			SAND		
Mat2:			11		
Mat2 Desc:			GRAVEL		
Mat3:			13		
Mat3 Desc:			BOULDERS		
Formation Top Depth:			35		
Formation End Depth:			66		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1003901180		
Layer:			1		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			35		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			1003901184		
Layer:			5		
Color:			4		
General Color:			GREEN		
Mat1:			21		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		328			
Formation End Depth:		500			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003901217			
Layer:		1			
Plug From:		0			
Plug To:		58			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003901218			
Layer:		2			
Plug From:		58			
Plug To:		68			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003901216			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003901178			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003901189			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2			
Depth To:		68			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1003901190			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		68			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		500			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003901191			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003901179			
Pump Set At:		300			
Static Level:		7.583			
Final Level After Pumping:		126.75			
Recommended Pump Depth:		200			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		15			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901192			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		16.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901214			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		126.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901204			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		87.167			
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:		1003901206			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		98.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901203			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		37.083			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901195			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		98.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901198			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		42.083			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901199			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		79.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901193			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		110.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901202			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		75.417			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901210			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:			110		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901196		
Test Type:			Draw Down		
Test Duration:			3		
Test Level:			35.583		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901208		
Test Type:			Draw Down		
Test Duration:			25		
Test Level:			104.583		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901197		
Test Type:			Recovery		
Test Duration:			3		
Test Level:			80.667		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901205		
Test Type:			Recovery		
Test Duration:			15		
Test Level:			29		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901207		
Test Type:			Recovery		
Test Duration:			20		
Test Level:			18.5		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901200		
Test Type:			Draw Down		
Test Duration:			5		
Test Level:			48.5		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1003901201		
Test Type:			Recovery		
Test Duration:			5		
Test Level:			66.167		
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:		1003901194			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		27.167			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901209			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		12.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901211			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		7.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901213			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		121.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003901212			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		118.167			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1003901188			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		455			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1003901186			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		336			
Water Found Depth UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		1003901187			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		428			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003901185			
Diameter:		6			
Depth From:		0			
Depth To:		500			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

39	1 of 1	WNW/434.0	85.3 / 5.42	lot 11 con 1 ON	WWIS
Well ID:		1516589		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Commerical		Date Received: 8/9/1978	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 3504	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: NEPEAN TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 011	
Well Depth:				Concession: 01	
Overburden/Bedrock:				Concession Name: RF	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516589.pdf

Bore Hole Information

Bore Hole ID:		10038499		Elevation: 87.146698	
DP2BR:		102		Elevrc:	
Spatial Status:				Zone: 18	
Code OB:		r		East83: 444429.7	
Code OB Desc:		Bedrock		North83: 5012621	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 4	
Date Completed:		3/20/1978		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: p4	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931032581			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		34			
Formation End Depth:		102			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032583			
Layer:		7			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		200			
Formation End Depth:		285			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032582			
Layer:		6			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Mat2 Desc:		SANDSTONE			
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		102			
Formation End Depth:		200			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032580			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		10			
Mat2 Desc:		COARSE SAND			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		27			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		34			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032578			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032579			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		6			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032586			
Layer:		10			
Color:					
General Color:					
Mat1:		21			
Most Common Material:		GRANITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		340			
Formation End Depth:		380			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032577			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		TOPSOIL			
Mat2 Desc:		77			
Mat3:		LOOSE			
Mat3 Desc:		79			
Formation Top Depth:		PACKED			
Formation End Depth:		0			
Formation End Depth UOM:		1			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931032584			
Layer:		8			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		85			
Mat2 Desc:		SOFT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		285			
Formation End Depth:		286			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931032585			
Layer:		9			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		286			
Formation End Depth:		340			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961516589			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587069			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067625			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		120			
Depth To:		12			
Casing Diameter:		inch			
Casing Diameter UOM:		ft			
Casing Depth UOM:					
<u>Construction Record - Casing</u>					
Casing ID:		930067624			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		102			
Depth To:		8			
Casing Diameter:		inch			
Casing Diameter UOM:		ft			
Casing Depth UOM:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991516589			
Pump Set At:		12			
Static Level:		175			
Final Level After Pumping:		300			
Recommended Pump Depth:		15			
Pumping Rate:		15			
Flowing Rate:		ft			
Recommended Pump Rate:		GPM			
Levels UOM:		1			
Rate UOM:		CLEAR			
Water State After Test Code:		1			
Water State After Test:		5			
Pumping Test Method:		0			
Pumping Duration HR:		No			
Pumping Duration MIN:					
Flowing:					
<u>Water Details</u>					
Water ID:		933472920			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		200			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933472921			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		220			
Water Found Depth UOM:		ft			

[40](#) 1 of 1 WSW/440.2 80.2 / 0.31 lot 10 con 1 ON WWIS

Well ID: 1504663 Data Entry Status:
Construction Date: Data Src: 1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Public			Date Received:	10/6/1958
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4216
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504663.pdf				

Bore Hole Information

Bore Hole ID:	10026706	Elevation:	85.437225
DP2BR:	104	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444430.7
Code OB Desc:	Bedrock	North83:	5012352
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/31/1958	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931000095
Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2
Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931000098
Layer:	5
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			104		
Formation End Depth:			196		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931000097		
Layer:			4		
Color:					
General Color:					
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			47		
Formation End Depth:			104		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931000094		
Layer:			1		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			2		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931000096		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			3		
Formation End Depth:			47		
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:		931000099			
Layer:		6			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		196			
Formation End Depth:		298			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961504663			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10575276			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930046147			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		127			
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930046148			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		298			
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930046146			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Depth To: 106
 Casing Diameter: 13
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504663
 Pump Set At:
 Static Level: 8
 Final Level After Pumping: 145
 Recommended Pump Depth:
 Pumping Rate: 68
 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: 60
 Pumping Duration MIN: 0
 Flowing: No

Water Details

Water ID: 933457962
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 140
 Water Found Depth UOM: ft

Water Details

Water ID: 933457964
 Layer: 3
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 295
 Water Found Depth UOM: ft

Water Details

Water ID: 933457963
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 196
 Water Found Depth UOM: ft

41	1 of 1	SE/442.0	88.2 / 8.28	lot 22 ON	WWIS
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Well ID:	1500328	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	11/26/1957
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3601
Casing Material:		Form Version:	1
Audit No:		Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500328.pdf

Bore Hole Information

Bore Hole ID:	10022373	Elevation:	88.156021
DP2BR:	46	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445120.8
Code OB Desc:	Bedrock	North83:	5012152
Open Hole:		Org CS:	5
Cluster Kind:		UTMRC:	
Date Completed:	10/14/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930988978
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	46
Formation End Depth:	51
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930988977
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500328			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570943			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037679			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037680			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		51			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500328			
Pump Set At:					
Static Level:		16			
Final Level After Pumping:		20			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

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

Water ID: 933452845
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 51
Water Found Depth UOM: ft

42	1 of 1	NNE/470.8	88.9 / 9.00	lot 20 ON	WWIS
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Well ID: 1500319 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	Data Entry Status: Data Src: 1 Date Received: 1/22/1957 Selected Flag: Yes Abandonment Rec: Contractor: 3718 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: GLOUCESTER TOWNSHIP Site Info: Lot: 020 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500319.pdf

Bore Hole Information

Bore Hole ID: 10022364 DP2BR: 71 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 10/25/1956 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 89.112754 Elevrc: Zone: 18 East83: 444970.8 North83: 5012952 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5
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**Overburden and Bedrock
Materials Interval**

Formation ID: 930988943
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988944			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		46			
Formation End Depth:		65			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988945			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		65			
Formation End Depth:		71			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930988942			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		40			
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:		930988946			
Layer:		5			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		71			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500319			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570934			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037660			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		72			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037661			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500319			
Pump Set At:					
Static Level:		30			
Final Level After Pumping:		40			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
Water Details					
Water ID:		933452832			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		71			
Water Found Depth UOM:		ft			

43	1 of 2	WSW/475.8	81.6 / 1.69	lot 10 con 1 ON	WWIS
Well ID:	1522199			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Municipal			Date Received:	2/15/1988
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	4006
Casing Material:				Form Version:	1
Audit No:	22001			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522199.pdf				

Bore Hole Information

Bore Hole ID:	10044012	Elevation:	86.080902
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	444404.7
Code OB Desc:	Overburden	North83:	5012320
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/4/1987	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
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:		931050545			
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			
Formation End Depth:		48			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931050546			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		12			
Most Common Material:		STONES			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		48			
Formation End Depth:		63			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933109751			
Layer:		1			
Plug From:		0			
Plug To:		25			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961522199			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10592582			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930076961			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		53			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930076960			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63			
Casing Diameter:		8			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		933326130			
Layer:		1			
Slot:		045			
Screen Top Depth:		53			
Screen End Depth:		63			
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		6			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991522199			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		43			
Recommended Pump Depth:		50			
Pumping Rate:		50			
Flowing Rate:					
Recommended Pump Rate:		50			
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:		934109313			
Test Type:					
Test Duration:		15			
Test Level:		9			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 934903381					
Test Type:					
Test Duration: 60					
Test Level: 22					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934392998					
Test Type:					
Test Duration: 30					
Test Level: 14					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934654549					
Test Type:					
Test Duration: 45					
Test Level: 18					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933479998					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 53					
Water Found Depth UOM: ft					

43	2 of 2	WSW/475.8	81.6 / 1.69	lot 10 con 1 ON	WWIS
Well ID:	1522201			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Not Used			Date Received:	2/15/1988
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	4006
Casing Material:				Form Version:	1
Audit No:	21996			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1522201.pdf

Bore Hole Information

Bore Hole ID:	10044014	Elevation:	86.080902
DP2BR:	6	Elevrc:	
Spatial Status:		Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:	h			East83:	444404.7
Code OB Desc:	Mixed in a Layer			North83:	5012320
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/26/1987			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931050553
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 28
Formation End Depth: 41
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931050552
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 18
Mat3 Desc: SANDSTONE
Formation Top Depth: 6
Formation End Depth: 28
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931050554
Layer: 4
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 06
Mat2 Desc: SILT
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 41
Formation End Depth: 58
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:		931050551			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		6			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931050555			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		71			
Mat2 Desc:		FRACTURED			
Mat3:		15			
Mat3 Desc:		LIMESTONE			
Formation Top Depth:		58			
Formation End Depth:		110			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961522201			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10592584			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930076965			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63			
Casing Diameter:		8			
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:			930076966		
Layer:			2		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			63		
Casing Diameter:			10		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					
Casing ID:			930076967		
Layer:			3		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			110		
Casing Diameter:			8		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991522201		
Pump Set At:					
Static Level:			2		
Final Level After Pumping:			100		
Recommended Pump Depth:			100		
Pumping Rate:			10		
Flowing Rate:					
Recommended Pump Rate:			10		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:			1		
Pumping Duration HR:			2		
Pumping Duration MIN:			0		
Flowing:			No		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934903383		
Test Type:			Recovery		
Test Duration:			60		
Test Level:			18		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934654551		
Test Type:			Recovery		
Test Duration:			45		
Test Level:			26		
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: 934393000					
Test Type: Recovery					
Test Duration: 30					
Test Level: 34					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934109315					
Test Type: Recovery					
Test Duration: 15					
Test Level: 61					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933480002					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 88					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933480001					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 62					
Water Found Depth UOM: ft					

44	1 of 1	WSW/477.7	81.6 / 1.69	lot 10 con 1 ON	WWIS
Well ID:	1530599			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/9/1999
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	194858			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530599.pdf				

Bore Hole Information

Bore Hole ID:	10052134	Elevation:	86.146965
DP2BR:		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:	o			East83:	444402.7
Code OB Desc:	Overburden			North83:	5012320
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	6/2/1999			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 931076002
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931076003
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Mat2 Desc: STICKY
Mat3:
Mat3 Desc:
Formation Top Depth: 15
Formation End Depth: 65
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931076005
Layer: 5
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 80
Formation End Depth: 82

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:		931076001			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931076004			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		65			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933115749			
Layer:		1			
Plug From:		0			
Plug To:		40			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961530599			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10600704			
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:		930090943			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		82			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930090942			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		81			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991530599			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		50			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934385156			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		13			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934664092			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		13			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934902710			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		60			
Test Level:		13			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934118980			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		13			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933490786			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		81			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933490787			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		82			
Water Found Depth UOM:		ft			

45	1 of 1	WSW/482.7	79.9 / 0.00	lot 10 con 1 ON	WWIS
Well ID:		1504662		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 6/13/1958	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 1802	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: NEPEAN TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 010	
Well Depth:				Concession: 01	
Overburden/Bedrock:				Concession Name: RF	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504662.pdf			

Bore Hole Information

Bore Hole ID:		10026705		Elevation: 83.402839	
DP2BR:		61		Elevrc:	
Spatial Status:				Zone: 18	
Code OB:		r		East83: 444430.7	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	5012252
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	5/28/1958			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931000091
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 40
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931000092
Layer: 2
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 40
Formation End Depth: 61
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931000093
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 61
Formation End Depth: 190
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		961504662			
<i>Method Construction Code:</i>		7			
<i>Method Construction:</i>		Diamond			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		10575275			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930046145			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		190			
<i>Casing Diameter:</i>		2			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930046144			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		63			
<i>Casing Diameter:</i>		2			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991504662			
<i>Pump Set At:</i>					
<i>Static Level:</i>		8			
<i>Final Level After Pumping:</i>		20			
<i>Recommended Pump Depth:</i>					
<i>Pumping Rate:</i>		6			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>					
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<u>Water Details</u>					
<i>Water ID:</i>		933457961			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:			1		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			188		
Water Found Depth UOM:			ft		

[46](#) 1 of 1 SSE/492.2 84.8 / 4.97 lot 22 ON **WWIS**

Well ID:	1510695	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	11/14/1961
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Test Hole	Abandonment Rec:	
Water Type:		Contractor:	1802
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	BF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510695.pdf

Bore Hole Information

Bore Hole ID:	10032719	Elevation:	88.457473
DP2BR:	27	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444970.8
Code OB Desc:	Bedrock	North83:	5012022
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/15/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931015608
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931015609			
Layer:		2			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		2			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931015610			
Layer:		3			
Color:					
General Color:					
Mat1:		16			
Most Common Material:		DOLOMITE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		27			
Formation End Depth:		42			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510695			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581289			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930058008			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		6			

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:		930058009			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		42			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510695			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		40			
Recommended Pump Depth:		40			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		18			
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:		933465735			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		28			
Water Found Depth UOM:		ft			

<u>47</u>	1 of 1	NNE/492.8	89.2 / 9.31	ON	BORE
Borehole ID:		612055		Inclin FLG: No	
OGF ID:		215513365		SP Status: Initial Entry	
Status:				Surv Elev: No	
Type:		Borehole		Piezometer: No	
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:		6.4		Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD: 45.268093	
Total Depth m:		-999		Longitude DD: -75.701357	
Depth Ref:		Ground Surface		UTM Zone: 18	
Depth Elev:				Easting: 444981	
Drill Method:				Northing: 5012972	
Orig Ground Elev m:		89.9		Location Accuracy:	
Elev Reliabil Note:				Accuracy: Not Applicable	
DEM Ground Elev m:		89.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389934			Mat Consistency:	
Top Depth:	18.9			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SANDSTONE. SEISMIC VELOCITY = 17400. BEDROCK. SEISMIC VELOCITY = 17000. 200135076 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218389930			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218389933			Mat Consistency:	
Top Depth:	14			Material Moisture:	
Bottom Depth:	18.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TILL.				
Geology Stratum ID:	218389931			Mat Consistency:	
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND,BOULDERS.				
Geology Stratum ID:	218389932			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	14			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL. WATER STABLE AT 274.0 FEET.				

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 045630 NTS_Sheet: 31G05B				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

<u>48</u>	1 of 1	NNE/495.3	88.9 / 9.00	680 RIVER RD. OTTAWA ON	WWIS
Well ID:	7313066			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Test Hole			Date Received:	6/19/2018
Sec. Water Use:	Monitoring			Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z277407			Owner:	
Tag:	A190859			Street Name:	680 RIVER RD.
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):					

Bore Hole Information

Bore Hole ID:	1007114021			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	445053
Code OB Desc:				North83:	5012948
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/28/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1007275298				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1007275290				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1007275294				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:					
Depth To:					
Casing Diameter:	4.03				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1007275295				
Layer:	1				
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	4.82				
<u>Water Details</u>					
Water ID:	1007275293				
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:	m				
<u>Hole Diameter</u>					
Hole ID:	1007275292				
Diameter:	15.24				
Depth From:	0				
Depth To:	2.3				
Hole Depth UOM:	m				
Hole Diameter UOM:	cm				

49 1 of 1 WSW/498.6 79.9 / 0.00 ON BORE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Borehole ID:	612018			Inclin FLG:	No
OGF ID:	215513328			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	6.7			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.261299
Total Depth m:	-999			Longitude DD:	-75.708284
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444431
Drill Method:				Northing:	5012222
Orig Ground Elev m:	85.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	82.7				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389825			Mat Consistency:	
Top Depth:	18.6			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SANDSTONE. 00080CK. SEISMIC VELOCITY = 14500. BEDROCK. SEISMIC VELOCITY = 17000 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	218389824			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	18.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL,BOULDERS. WATER STABLE AT 258.0 FEET.				

Geology Stratum ID:	218389823			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				

Source

Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 045260 NTS_Sheet: 31G05B			
Confiden 1:		Reliable information but incomplete.			
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

<u>50</u>	1 of 1	SE/498.6	88.6 / 8.69	ON	BORE
Borehole ID:	612011			Inclin FLG:	No
OGF ID:	215513321			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	OCT-1957			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.260093
Total Depth m:	15.8			Longitude DD:	-75.699474
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	445121
Drill Method:				Northing:	5012082
Orig Ground Elev m:	88.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	88.1				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389808			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	14			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Geology Stratum ID:	218389809			Mat Consistency:	
Top Depth:	14			Material Moisture:	
Bottom Depth:	15.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. 00052Y = 1100. UNSPECIFIED. SEISMIC VELOCITY = 4000. BEDROCK. SEISMIC VELOCITY =				
	**Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 04519 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

51	1 of 1	SE/498.7	88.6 / 8.69	lot 22 ON	WWIS
Well ID:	1500329			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/26/1957
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500329.pdf				

Bore Hole Information

Bore Hole ID:	10022374	Elevation:	88.131523
DP2BR:	46	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445120.8
Code OB Desc:	Bedrock	North83:	5012082
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/18/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930988979			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930988980			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		46			
Formation End Depth:		52			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500329			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570944			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037681			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			930037682		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			52		
Casing Diameter:			4		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991500329		
Pump Set At:					
Static Level:			16		
Final Level After Pumping:			18		
Recommended Pump Depth:					
Pumping Rate:			4		
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			1		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:			No		
<u>Water Details</u>					
Water ID:			933452846		
Layer:			1		
Kind Code:			1		
Kind:			FRESH		
Water Found Depth:			52		
Water Found Depth UOM:			ft		
<u>52</u>	1 of 1	WNW/500.5	85.9 / 6.05	lot 11 con 1 ON	WWIS
Well ID:	1505930			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/27/1956
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4806
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Clear/Cloudy:</i>					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505930.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10027973			Elevation:	87.169578
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:	x			East83:	444420.7
Code OB Desc:	Unknown type in the lower layers(s)			North83:	5012762
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/1/1955			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
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:	931003341				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003343				
Layer:	3				
Color:	0				
General Color:					
Mat1:	00				
Most Common Material:	UNKNOWN TYPE				
Mat2:	00				
Mat2 Desc:	UNKNOWN TYPE				
Mat3:	00				
Mat3 Desc:	UNKNOWN TYPE				
Formation Top Depth:	90				
Formation End Depth:	140				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003342				
Layer:	2				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		90			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961505930			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576543			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930048701			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		140			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930048700			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		90			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991505930			
Pump Set At:					
Static Level:		21			
Final Level After Pumping:		30			
Recommended Pump Depth:					
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				

Water Details

Water ID: 933459963
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 135
Water Found Depth UOM: ft

Water Details

Water ID: 933459962
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 125
Water Found Depth UOM: ft

<u>53</u>	1 of 1	WNW/500.5	85.9 / 6.05	ON	BORE
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Borehole ID: 612048	Inclin FLG: No
OGF ID: 215513358	SP Status: Initial Entry
Status:	Surv Elev: No
Type: Borehole	Piezometer: No
Use:	Primary Name:
Completion Date: DEC-1955	Municipality:
Static Water Level:	Lot:
Primary Water Use:	Township:
Sec. Water Use:	Latitude DD: 45.266159
Total Depth m: 42.7	Longitude DD: -75.708472
Depth Ref: Ground Surface	UTM Zone: 18
Depth Elev:	Easting: 444421
Drill Method:	Northing: 5012762
Orig Ground Elev m: 85.3	Location Accuracy:
Elev Reliabil Note:	Accuracy: Not Applicable
DEM Ground Elev m: 87.2	
Concession:	
Location D:	
Survey D:	
Comments:	

Borehole Geology Stratum

Geology Stratum ID: 218389911	Mat Consistency:
Top Depth: 7.6	Material Moisture:
Bottom Depth: 27.4	Material Texture:
Material Color:	Non Geo Mat Type:
Material 1: Sand	Geologic Formation:
Material 2: Gravel	Geologic Group:
Material 3:	Geologic Period:
Material 4:	Depositional Gen:
Gsc Material Description:	
Stratum Description: SAND, GRAVEL.	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID: 218389910 Top Depth: 0 Bottom Depth: 7.6 Material Color: Material 1: Clay Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY.				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: 218389912 Top Depth: 27.4 Bottom Depth: 42.7 Material Color: Material 1: Unknown Material 2: Unknown Material 3: Unknown Material 4: Gsc Material Description: Stratum Description:				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
				UNSPECIFIED, UNSPECIFIED, UNSPECIFIED. 001350. BEDROCK. SEISMIC VELOCITY = 18500. BED **Note: Many records provided by the department have a truncated [Stratum Description] field.	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Ident: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 04556 NTS_Sheet:				
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator
54	1 of 1	SSE/520.6	84.9 / 5.00	746 River Road Ottawa ON	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:	20140107015 C Custom Report 08-JAN-14 07-JAN-14 unknown			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.701494 45.259256
55	1 of 5	NW/528.7	83.5 / 3.61	Minto Developments Inc. Ottawa ON K1R 7Y2	ECA
Approval No: Approval Date: Status:	8133-65GMW9 2004-10-06 Approved			MOE District: City: Longitude:	Ottawa -75.70790000000001

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5837-65CNBZ-14.pdf					
55	2 of 5	NW/528.7	83.5 / 3.61	Minto Developments Inc. Ottawa ON K1R 7Y2	ECA
Approval No: 9631-5HZMJF Approval Date: 2003-01-21 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal and Private Water Works Project Type: Municipal and Private Water Works Address: Full Address: Full PDF Link:					
55	3 of 5	NW/528.7	83.5 / 3.61	Minto Developments Inc. Ottawa ON K1R 7Y2	ECA
Approval No: 8984-65GN3X Approval Date: 2004-10-06 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal Drinking Water Systems Project Type: Municipal Drinking Water Systems Address: Full Address: Full PDF Link:					
55	4 of 5	NW/528.7	83.5 / 3.61	Minto Developments Inc. Part of Lots 11, 12, 13 and 14, Concession 1 Ottawa ON K1R 7Y2	ECA
Approval No: 2314-522N9J Approval Date: 2001-09-05 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: Part of Lots 11, 12, 13 and 14, Concession 1 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3603-522HSC-14.pdf					
55	5 of 5	NW/528.7	83.5 / 3.61	Minto Developments Inc.	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1R 7Y2					
Approval No:	1930-5HZMDY			MOE District:	Ottawa
Approval Date:	2003-01-21			City:	
Status:	Approved			Longitude:	-75.70790000000001
Record Type:	ECA			Latitude:	45.2671
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:					
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1239-5H8JU2-14.pdf				

56	1 of 1	WSW/535.0	79.9 / 0.00	lot 10 con 1 ON	WWIS
Well ID:	1513522			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/9/1973
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2557
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513522.pdf				

Bore Hole Information

Bore Hole ID:	10035508	Elevation:	84.93151
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	444390.7
Code OB Desc:	Overburden	North83:	5012217
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	6
Date Completed:	10/31/1973	UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:		Location Method:	p6
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 931023629

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931023631			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931023630			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961513522			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584078			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930062837			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991513522			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		35			
Recommended Pump Depth:		40			
Pumping Rate:		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:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933469107			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		47			
Water Found Depth UOM:		ft			

57	1 of 1	SSE/535.4	84.8 / 4.92	lot 22 ON	WWIS
Well ID:	1500331			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Livestock			Date Received:	1/17/1958
Sec. Water Use:	Domestic			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1603
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500331.pdf

Bore Hole Information

Bore Hole ID:	10022376	Elevation:	87.188293
DP2BR:	64	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445020.8
Code OB Desc:	Bedrock	North83:	5011992
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/20/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930988984
Layer:	2
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	26
Formation End Depth:	64
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930988985
Layer:	3
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64
Formation End Depth:	88
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	930988983
Layer:	1
Color:	
General Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		23			
Most Common Material:		PREVIOUSLY DUG			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961500331			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570946			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037685			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		64			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037686			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		88			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500331			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		25			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
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:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID: 933452848
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 88
Water Found Depth UOM: ft

58 1 of 1 N/588.8 85.5 / 5.63 PRIDMORE THOS QUARRY AMIS

GLOUCESTER ON

Site Access Code:		Start Year:	
AMIS Distr Code:		End Year:	
Abandoned Mine ID:	07680	Prog Rehab Plan:	NO
Old MDI ID:	NOT AVAILABLE	Evid of Site Contam:	
New MDI ID:		Evid of Sulphide:	
Official Nm:	PRIDMORE THOS QUARRY	Evid Animals Pres:	
Mine Status:	ABANDONED	Revegetation:	
Mine Plan/Section:	UNDETERMINED	Veg Condition:	
Site Class:	D	Veg Descr:	
Clos Reason Code:		Chemical Doc:	
Closure Plan:	UNDETERMINED	Jurisdiction:	MINING ACT
Prim Commod Code:		Lot No:	20
Prim Commod:	UNDETRMINED	Concession:	BROKEN FRONT FROM RIDEAU RIVER
Operat Access:	N/A	Zone:	18
Date Entered:	25-JUN-2018	Northing:	5013081
Date Last Modified:	25-JUN-2018	Easting:	444928
Effective Date:		Clos Reason:	UNDETRMINED
Hyper Link:	http://www.geologyontario.mndm.gov.on.ca/mndmfiles/AMIS/data/records/07680.html		
AMIS District:	TWEED		
District Desc:	TWEED		
Animal Desc:			
Status Type Code:			
Mine Features Desc:	QUARRY		
AMIS Bkgrd Info:	3 M OF UNIDENTIFIED LIMESTONE QUARRY SECTION. COMMODITY: STONE		
Alias Name:	NOT AVAILABLE		

AMIS Features

AMIS Feature ID:	93853	Feature Length:	
Effective Date:		Eval Performed Ind:	
Date Last Modified:	25-JUN-2018	Soil Erosion Flag:	
Dt Entered in AMIS:	25-JUN-2018	Txt Feature ID:	
Mine Feat Class Desc:	FEATURE TO SURFACE	UTM Zone:	18
Feature Type Code:		UTM Northing:	5013081
Mine Feat Type Desc:	QUARRY	UTM Easting:	444928
Hazard Status Desc:	ACTIVE	Lat DD Features:	45.26907
Depth or Height:	3	Long DD Features:	-75.70204
Feature Width:			
Mine Feature Condition Desc:	UNKNOWN WIDTH AND LENGTH DIMENSIONS		

59 1 of 1 E/593.4 88.9 / 9.00 Miller Waste Systems Inc. SPL

Ottawa ON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ref No:	5587-B64UZE			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2018/11/01			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	Corporation
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	15			Nearest Watercourse:	
Contaminant Name:	HYDRAULIC OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5012602.42
MOE Response:	No			Easting:	445430.03
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2018/11/01			Site Map Datum:	
Dt Document Closed:	2018/11/06			SAC Action Class:	Primary Assessment of Spills
Incident Reason:	Equipment Failure			Source Type:	Motor Vehicle
Site Name:	351 Ardmore St<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Miller Waste Systems: 100 liters hydraulic oil to road, cntd, clng				
Contaminant Qty:	100 L				

60	1 of 1	S/597.6	82.6 / 2.69	752 RIVER ROAD lot 22 con 1 MANOTICK ON	WWIS
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Well ID:	7328237	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Not Used	Date Received:	2/13/2019
Sec. Water Use:	Monitoring	Selected Flag:	Yes
Final Well Status:		Abandonment Rec:	Yes
Water Type:		Contractor:	4875
Casing Material:		Form Version:	7
Audit No:	Z252125	Owner:	
Tag:	A191643	Street Name:	752 RIVER ROAD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	job no 18-gb044
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	RF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1007370767	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444889
Code OB Desc:		North83:	5011902
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	1/8/2019	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr

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

Annular Space/Abandonment Sealing Record

Plug ID: 1007720459
Layer: 2
Plug From:
Plug To:
Plug Depth UOM:

Annular Space/Abandonment Sealing Record

Plug ID: 1007720458
Layer: 1
Plug From:
Plug To:
Plug Depth UOM:

Pipe Information

Pipe ID: 1007720442
Casing No: 0
Comment:
Alt Name:

61	1 of 1	SSE/635.2	89.9 / 10.00	lot 23 ON	WWIS
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<i>Well ID:</i> 1500335	<i>Data Entry Status:</i>
<i>Construction Date:</i>	<i>Data Src:</i> 1
<i>Primary Water Use:</i> Domestic	<i>Date Received:</i> 2/20/1962
<i>Sec. Water Use:</i> 0	<i>Selected Flag:</i> Yes
<i>Final Well Status:</i> Water Supply	<i>Abandonment Rec:</i>
<i>Water Type:</i>	<i>Contractor:</i> 1802
<i>Casing Material:</i>	<i>Form Version:</i> 1
<i>Audit No:</i>	<i>Owner:</i>
<i>Tag:</i>	<i>Street Name:</i>
<i>Construction Method:</i>	<i>County:</i> OTTAWA
<i>Elevation (m):</i>	<i>Municipality:</i> GLOUCESTER TOWNSHIP
<i>Elevation Reliability:</i>	<i>Site Info:</i>
<i>Depth to Bedrock:</i>	<i>Lot:</i> 023
<i>Well Depth:</i>	<i>Concession:</i>
<i>Overburden/Bedrock:</i>	<i>Concession Name:</i> BF
<i>Pump Rate:</i>	<i>Easting NAD83:</i>
<i>Static Water Level:</i>	<i>Northing NAD83:</i>
<i>Flowing (Y/N):</i>	<i>Zone:</i>
<i>Flow Rate:</i>	<i>UTM Reliability:</i>
<i>Clear/Cloudy:</i>	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500335.pdf

Bore Hole Information

Bore Hole ID: 10022380 *Elevation:* 88.369186
DP2BR: 49 *Elevrc:*

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:	r			East83:	445090.8
Code OB Desc:	Bedrock			North83:	5011912
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/1/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 930988994
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 49
Formation End Depth: 85
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930988992
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 930988993
Layer: 2
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 11
Mat3 Desc: GRAVEL
Formation Top Depth: 21
Formation End Depth: 49

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:		961500335			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10570950			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930037694			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		51			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037695			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500335			
Pump Set At:					
Static Level:		23			
Final Level After Pumping:		35			
Recommended Pump Depth:		35			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933452852			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		82			
Water Found Depth UOM:		ft			

62	1 of 1	SSE/635.2	89.9 / 10.00	ON	BORE
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Borehole ID:	612003	Inclin FLG:	No
OGF ID:	215513313	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	DEC-1961	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.25856
Total Depth m:	25.9	Longitude DD:	-75.699837
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	445091
Drill Method:		Northing:	5011912
Orig Ground Elev m:	88.4	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	88.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389786	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	6.4	Material Texture:	
Material Color:	Blue	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Geology Stratum ID:	218389787	Mat Consistency:	
Top Depth:	6.4	Material Moisture:	
Bottom Depth:	14.9	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Sand	Geologic Formation:	
Material 2:	Boulders	Geologic Group:	
Material 3:	Gravel	Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SAND,BOULDERS,GRAVEL	**Note: Many records provided by the department have a truncated [Stratum Description] field.	

Geology Stratum ID:	218389788	Mat Consistency:	
Top Depth:	14.9	Material Moisture:	
Bottom Depth:	25.9	Material Texture:	
Material Color:	White	Non Geo Mat Type:	
Material 1:	Sandstone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: SANDSTONE. 00082STONE,SAND. WHITE. SANDSTONE. WHITE. 00086 = 19500. BEDROCK. SEISMI **Note:
 Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 04511 NTS_Sheet:
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

63	1 of 1	ESE/636.3	90.9 / 11.00	ENBRIDGE GAS INC 73 HUBBLE HEIGHTS,,OTTAWA,ON,K4M 0K2,CA ON	PINC
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Incident ID:
Incident No: 2832988
Incident Reported Dt: 4/22/2020
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: ENBRIDGE GAS INC
Incident Address: 73 HUBBLE HEIGHTS,,OTTAWA,ON,K4M 0K2,CA
Tank Status: Non Mandated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
Depth:
Pipe Material:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

64	1 of 2	ENE/645.9	88.9 / 9.00	Enbridge Energy Distribution Inc. 405 Golden Springs St. Ottawa ON	SPL
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Ref No: 2773-B3GL2F
Site No: NA
Incident Dt: 2018/08/09
Year:

Discharger Report:
Material Group:
Health/Env Conseq: 2 - Minor Environment
Client Type: Corporation

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Cause: Incident Event: Leak/Break Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1075 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2018/08/09 Dt Document Closed:		Sector Type: Miscellaneous Communal Agency Involved: Nearest Watercourse: Site Address: 405 Golden Springs St. Site District Office: Ottawa Site Postal Code: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Northing: 5012793.07 Easting: 445394.28 Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Source Type: Pipeline/Components			
Incident Reason: Operator/Human Error Site Name: Line Strike Site<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA FSB: Half-Inch Plastic IP Line Strike, Made Safe - OTTAWA Contaminant Qty: 0 other - see incident description					

64	2 of 2	ENE/645.9	88.9 / 9.00	PIPELINE HIT 1/2" 405 GOLDEN SPRING ST.,OTTAWA,ON,K4M 0B8,CA ON	PINC
Incident ID: Incident No: 2368068 Incident Reported Dt: 8/9/2018 Type: FS-Pipeline Incident Status Code: Customer Acct Name: PIPELINE HIT 1/2" Incident Address: 405 GOLDEN SPRING ST.,OTTAWA,ON,K4M 0B8,CA Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:			

65	1 of 1	NNE/647.9	89.9 / 10.07	City of Ottawa River Road and Earl Armstrong Rd Ottawa ON	SPL
Ref No: 3347-B23FHL Site No: NA Incident Dt: 2018/06/25 Year: Incident Cause:		Discharger Report: Material Group: Health/Env Conseq: 2 - Minor Environment Client Type: Municipal Government Sector Type: Miscellaneous Communal			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	27			Nearest Watercourse:	
Contaminant Name:	COOLANT (N.O.S.)			Site Address:	River Road and Earl Armstrong Rd
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	n/a			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Land			Northing:	5013107
MOE Response:	No			Easting:	445086
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	2018/06/25			Site Map Datum:	
Dt Document Closed:	2018/07/27			SAC Action Class:	Land Spills
Incident Reason:	Material Failure - Poor Design/Substandard Material			Source Type:	Truck - Transport/Hauling
Site Name:	spill<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	OC Transport coolant leak 5 L cleaning				
Contaminant Qty:	5 L				

66	1 of 1	WSW/656.0	84.2 / 4.32	ON	BORE
Borehole ID:	612016			Inclin FLG:	No
OGF ID:	215513326			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1957			Municipality:	
Static Water Level:	-5.8			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.261016
Total Depth m:	82			Longitude DD:	-75.710384
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444266
Drill Method:				Northing:	5012192
Orig Ground Elev m:	86.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	87.8				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389819			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	22.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Boulders			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BOULDERS,SAND.				
Geology Stratum ID:	218389820			Mat Consistency:	
Top Depth:	22.9			Material Moisture:	
Bottom Depth:	82			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Limestone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		LIMESTONE. GREY. 00269304.0 FEET.TE,SAND. BLACK. 00080CK. SEISMIC VELOCITY = 14500.		Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 04524 NTS_Sheet:					
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator

<u>67</u>	1 of 1	WSW/656.0	84.2 / 4.32	lot 10 con 2 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1505934 Domestic 0 Water Supply Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/31/1957 Yes 1603 1 OTTAWA NEPEAN TOWNSHIP 010 02 RF
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505934.pdf			

Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10027977 75 r Bedrock			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	87.818527 18 444265.7 5012192 5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	9/21/1957			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003352				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	75				
Formation End Depth:	269				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003351				
Layer:	1				
Color:					
General Color:					
Mat1:	13				
Most Common Material:	BOULDERS				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	75				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961505934				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10576547				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930048708				
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:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930048709			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		269			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991505934			
Pump Set At:					
Static Level:		17			
Final Level After Pumping:		60			
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933459967			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		269			
Water Found Depth UOM:		ft			

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1 of 1

SW/656.7

81.2 / 1.35

lot 9 con 2
ON

WWIS

Well ID: 1504656
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src: 1
Date Received: 1/9/1957
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Site Info: Lot: 009 Concession: 02 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504656.pdf			

Bore Hole Information

Bore Hole ID:	10026699	Elevation:	84.805976
DP2BR:	62	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444415.7
Code OB Desc:	Bedrock	North83:	5012002
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/13/1956	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931000077
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	62
Formation End Depth:	108
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931000075
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	55
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:		931000076			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		55			
Formation End Depth:		62			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961504656			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10575269			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930046133			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		108			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930046132			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		66			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991504656			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		28			
Final Level After Pumping:		32			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID: 933457955
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 108
 Water Found Depth UOM: ft

69 1 of 1 WSW/657.6 79.9 / 0.00 ON BORE

Borehole ID:	848074	Inclin FLG:	No
OGF ID:	215589728	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	06-MAY-1959	Municipality:	
Static Water Level:		Lot:	LOT 10
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.260281
Total Depth m:	19.3	Longitude DD:	-75.709746
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	444315
Drill Method:	Diamond Drill	Northing:	5012110
Orig Ground Elev m:	85.1	Location Accuracy:	Within 10 metres
Elev Reliabil Note:		Accuracy:	
DEM Ground Elev m:	84.6		
Concession:	CON 1		
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6559848	Mat Consistency:	Loose
Top Depth:	0	Material Moisture:	
Bottom Depth:	5.4	Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Gravel	Geologic Formation:	
Material 2:	Silt - Sand	Geologic Group:	
Material 3:	Clay	Geologic Period:	
Material 4:	organic material	Depositional Gen:	
Gsc Material Description:			
Stratum Description:	BROWN TO GREY-BROWN, LOOSE TO MEDIUM DENSE GRAVEL-SAND-SILT-CLAY FILL WITH ODD TRACE OF ORGANIC **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID: 6559851 **Mat Consistency:** Very Dense

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	16.7			Material Moisture:	
Bottom Depth:	17.7			Material Texture:	Fine to Coarse
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	VERY DENSE FINE TO COARSE ANGULAR GRAVEL AND BOULDERS **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559849			Mat Consistency:	Dense
Top Depth:	5.4			Material Moisture:	
Bottom Depth:	14.5			Material Texture:	Fine to Medium
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Granite			Geologic Group:	
Material 3:	Boulders			Geologic Period:	
Material 4:	Limestone			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIGHT GREY, MEDIUM DENSE TO DENSE FINE TO MEDIUM SAND WITH FINE TO COARSE ANGULAR TO SUB-ANGULAR GRAVEL AND BOULDERS; WITH AN APPRECIABLE AMOUNT OF LIMESTONE ROCK-FLOUR.				
Geology Stratum ID:	6559850			Mat Consistency:	Dense
Top Depth:	14.5			Material Moisture:	
Bottom Depth:	16.7			Material Texture:	Fine to Medium
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GREY DENSE FAINTLY LAYERED FINE SAND WITH MEDIUM SAND AND ODD TRACE OF SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559852			Mat Consistency:	
Top Depth:	17.7			Material Moisture:	
Bottom Depth:	19.3			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:	Dolomite			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GREY DOLOMITIC LIMESTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.				

70	1 of 1	NNE/663.2	91.9 / 12.00	lot 20 ON	WWIS
Well ID:	1500320			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Public			Date Received:	12/3/1963
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	020
Well Depth:				Concession:	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500320.pdf

Bore Hole Information

Bore Hole ID:	10022365	Elevation:	90.214523
DP2BR:	62	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445040.8
Code OB Desc:	Bedrock	North83:	5013132
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/12/1963	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	930988947
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	930988948
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			930988950		
Layer:			4		
Color:					
General Color:					
Mat1:			14		
Most Common Material:			HARDPAN		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			46		
Formation End Depth:			62		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930988949		
Layer:			3		
Color:					
General Color:					
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			40		
Formation End Depth:			46		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			930988951		
Layer:			5		
Color:					
General Color:					
Mat1:			18		
Most Common Material:			SANDSTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			62		
Formation End Depth:			102		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:			961500320		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10570935		
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:		930037662			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		67			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930037663			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		102			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991500320			
Pump Set At:					
Static Level:		36			
Final Level After Pumping:		36			
Recommended Pump Depth:		80			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933452834			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		95			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933452833			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:	933452835				
Layer:	3				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	101				
Water Found Depth UOM:	ft				

<u>71</u>	1 of 1	WSW/663.2	78.2 / -1.70	ON	BORE
Borehole ID:	848077			Inclin FLG:	No
OGF ID:	215589731			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	27-JAN-1978			Municipality:	
Static Water Level:	0.9			Lot:	LOT 10
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.260138
Total Depth m:	5.9			Longitude DD:	-75.709681
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444320
Drill Method:	Hollow stem auger			Northing:	5012094
Orig Ground Elev m:	25.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	81.3				
Concession:	CON 1				
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6559864			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Fill			Geologic Period:	
Material 4:	Cobbles			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND, SOME GRAVEL, FILL, COBBLES, SAND WITH CLAYEY SILT, SOME GRAVEL **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559865			Mat Consistency:	Very Loose
Top Depth:	1.4			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVELLY SAND TO SANDY GRAVEL, SOME SILT, TRACE OF CLAY, VERY LOOSE TO LOOSE TO COMPACT TO DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559866			Mat Consistency:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	5.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SOUND LIMESTONE BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.				

72	1 of 1	WSW/665.3	84.2 / 4.32	3626 WOODROFFE AVE lot 10 con 2 NEPEAN ON	WWIS
Well ID:	7112994			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	10/14/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z84402			Owner:	
Tag:				Street Name:	3626 WOODROFFE AVE
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7112994.pdf				

Bore Hole Information

Bore Hole ID:	1001836052	Elevation:	87.281951
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444260
Code OB Desc:		North83:	5012183
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	9/18/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1001919827
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001919831			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001919824			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001919829			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001919830			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1001919828			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001919826			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
73	1 of 1	W/665.4	90.9 / 11.00	lot 11 con 1 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1504665			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/17/1952
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3725
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504665.pdf

Bore Hole Information

Bore Hole ID:	10026708	Elevation:	92.183952
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	444180.7
Code OB Desc:	Overburden	North83:	5012512
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	6/26/1952	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931000104
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	78
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931000102
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931000103			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		46			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961504665			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10575278			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930046151			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		78			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991504665			
Pump Set At:					
Static Level:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping:	25				
Recommended Pump Depth:					
Pumping Rate:	2				
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:	0				
Pumping Duration MIN:	30				
Flowing:	No				

Water Details

Water ID: 933457966
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

74	1 of 1	SW/666.0	81.7 / 1.83	lot 9 con 2 ON	WWIS
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Well ID: 1504658	Data Entry Status:	
Construction Date:	Data Src: 1	
Primary Water Use: Domestic	Date Received: 9/8/1959	
Sec. Water Use: 0	Selected Flag: Yes	
Final Well Status: Water Supply	Abandonment Rec:	
Water Type:	Contractor: 3601	
Casing Material:	Form Version: 1	
Audit No:	Owner:	
Tag:	Street Name:	
Construction Method:	County: OTTAWA	
Elevation (m):	Municipality: NEPEAN TOWNSHIP	
Elevation Reliability:	Site Info:	
Depth to Bedrock:	Lot: 009	
Well Depth:	Concession: 02	
Overburden/Bedrock:	Concession Name: RF	
Pump Rate:	Easting NAD83:	
Static Water Level:	Northing NAD83:	
Flowing (Y/N):	Zone:	
Flow Rate:	UTM Reliability:	
Clear/Cloudy:		

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504658.pdf

Bore Hole Information

Bore Hole ID: 10026701	Elevation: 87.86428
DP2BR: 59	Elevrc:
Spatial Status:	Zone: 18
Code OB: r	East83: 444450.7
Code OB Desc: Bedrock	North83: 5011962
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 5
Date Completed: 8/19/1959	UTMRC Desc: margin of error : 100 m - 300 m
Remarks:	Location Method: p5
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931000081			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		52			
Formation End Depth:		59			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931000080			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		52			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931000082			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		59			
Formation End Depth:		61			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961504658			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

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

Pipe ID: 10575271
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930046137
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 61
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930046136
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 59
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991504658
Pump Set At:
Static Level: 21
Final Level After Pumping: 21
Recommended Pump Depth: 21
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933457957
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 61
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
75	1 of 1	E/671.2	90.7 / 10.80	4650 Spratt Rd Ottawa ON K4M1B2	EHS
Order No:	20130819016			Nearest Intersection:	
Status:	C			Municipality:	Ottawa, Ontario
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	27-AUG-13			Search Radius (km):	.25
Date Received:	19-AUG-13			X:	-75.69451
Previous Site Name:				Y:	45.263212
Lot/Building Size:	Approx. 4 acres				
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

76	1 of 1	WSW/671.3	90.2 / 10.34	lot 10 con 2 ON	WWIS
Well ID:	1512146			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/10/1972
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512146.pdf

Bore Hole Information

Bore Hole ID:	10034138	Elevation:	90.053672
DP2BR:	74	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444215.7
Code OB Desc:	Bedrock	North83:	5012267
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	6
Date Completed:	10/17/1972	UTMRC Desc:	margin of error : 300 m - 1 km
Remarks:		Location Method:	p6
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931019762
Layer:	1
Color:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931019766			
Layer:		5			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		197			
Formation End Depth:		260			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931019763			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		55			
Formation End Depth:		74			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931019764			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		74			
Formation End Depth:		126			
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:			931019765		
Layer:			4		
Color:			2		
General Color:			GREY		
Mat1:			18		
Most Common Material:			SANDSTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			126		
Formation End Depth:			197		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961512146		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10582708		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930060568		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			76		
Casing Diameter:			6		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991512146		
Pump Set At:					
Static Level:					
Final Level After Pumping:			75		
Recommended Pump Depth:			75		
Pumping Rate:			8		
Flowing Rate:					
Recommended Pump Rate:			5		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			1		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:			No		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097801			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934894856			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934646698			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376365			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933467507			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933467509			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		258			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933467508			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		172			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
77	1 of 1	W/673.5	90.9 / 11.04	ON	BORE
Borehole ID:	612020			Inclin FLG:	No
OGF ID:	215513330			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUL-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.26236
Total Depth m:	41.1			Longitude DD:	-75.711356
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444191
Drill Method:				Northing:	5012342
Orig Ground Elev m:	89.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	90.8				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389826			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	7.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY,BOULDERS.				
Geology Stratum ID:	218389829			Mat Consistency:	
Top Depth:	22.9			Material Moisture:	
Bottom Depth:	41.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. 00133ROCK,SANDSTONE. 00080CK. SEISMIC VELOCITY = 14500. BEDROCK. SEISMI **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218389827			Mat Consistency:	
Top Depth:	7.3			Material Moisture:	
Bottom Depth:	15.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Geology Stratum ID:	218389828			Mat Consistency:	Hard
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	22.9			Material Texture:	
Material Color:				Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		HARDPAN.		Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
		Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 04528 NTS_Sheet:			
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada		Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	

<u>78</u>	1 of 1	W/673.6	90.9 / 11.04	lot 10 con 2 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1505936 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/19/1967 Yes 1503 1 OTTAWA NEPEAN TOWNSHIP 010 02 RF	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505936.pdf

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10027979 75 r Bedrock		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	90.847908 18 444190.7 5012342 5	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Date Completed:	7/19/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003356				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	24				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003359				
Layer:	4				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	75				
Formation End Depth:	135				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931003358				
Layer:	3				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	50				
Formation End Depth:	75				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931003357			
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		24			
Formation End Depth:		50			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961505936			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576549			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930048713			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		135			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930048712			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		80			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991505936			
Pump Set At:					
Static Level:		34			
Final Level After Pumping:		65			
Recommended Pump Depth:		95			
Pumping Rate:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
Water Details					
Water ID:	933459969				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	133				
Water Found Depth UOM:	ft				

79	1 of 3	WSW/675.7	89.3 / 9.39	lot 10 con 2 ON	WWIS
Well ID:	1515365			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/9/1976
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515365.pdf

Bore Hole Information

Bore Hole ID:	10037316	Elevation:	88.983276
DP2BR:	71	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444229.7
Code OB Desc:	Bedrock	North83:	5012221
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	5/7/1976	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931028971			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931028975			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		185			
Formation End Depth:		195			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931028970			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931028974			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		71			
Formation End Depth:		185			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028976			
Layer:		7			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		195			
Formation End Depth:		273			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028972			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		12			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028973			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		60			
Formation End Depth:		71			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961515365			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Method Construction Code:</i>	5				
<i>Method Construction:</i>	Air Percussion				
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>	10585886				
<i>Casing No:</i>	1				
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	930065872				
<i>Layer:</i>	1				
<i>Material:</i>	1				
<i>Open Hole or Material:</i>	STEEL				
<i>Depth From:</i>					
<i>Depth To:</i>	73				
<i>Casing Diameter:</i>	6				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	930065873				
<i>Layer:</i>	2				
<i>Material:</i>	4				
<i>Open Hole or Material:</i>	OPEN HOLE				
<i>Depth From:</i>					
<i>Depth To:</i>	273				
<i>Casing Diameter:</i>	6				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>	991515365				
<i>Pump Set At:</i>					
<i>Static Level:</i>	20				
<i>Final Level After Pumping:</i>	80				
<i>Recommended Pump Depth:</i>	100				
<i>Pumping Rate:</i>	10				
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>	5				
<i>Levels UOM:</i>	ft				
<i>Rate UOM:</i>	GPM				
<i>Water State After Test Code:</i>	1				
<i>Water State After Test:</i>	CLEAR				
<i>Pumping Test Method:</i>	1				
<i>Pumping Duration HR:</i>	1				
<i>Pumping Duration MIN:</i>	0				
<i>Flowing:</i>	No				
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934646789				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	45				
<i>Test Level:</i>	80				
<i>Test Level UOM:</i>	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100155			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934895497			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376495			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933471432			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933471433			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		220			
Water Found Depth UOM:		ft			
79	2 of 3	WSW/675.7	89.3 / 9.39	lot 10 con 2 ON	WWIS
Well ID:	1517095			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/24/1979
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	

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

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517095.pdf

Bore Hole Information

Bore Hole ID:	10038975	Elevation:	88.983276
DP2BR:	76	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444229.7
Code OB Desc:	Bedrock	North83:	5012221
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/7/1979	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931034129
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60
Formation End Depth:	76
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931034128
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931034131			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		200			
Formation End Depth:		223			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931034130			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		76			
Formation End Depth:		200			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517095			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587545			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930068347			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		78			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517095			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		30			
Final Level After Pumping:		80			
Recommended Pump Depth:		80			
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644134			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382631			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102630			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901615			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933473508			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		220			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933473507			
Layer:		1			
Kind Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		80			
Water Found Depth UOM:		ft			

79	3 of 3	WSW/675.7	89.3 / 9.39	lot 10 con 2 ON	WWIS
Well ID:	1519100			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/23/1984
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519100.pdf

Bore Hole Information

Bore Hole ID:	10040970	Elevation:	88.983276
DP2BR:	68	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444229.7
Code OB Desc:	Bedrock	North83:	5012221
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	6/13/1984	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931040591
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16
Formation End Depth:	68

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:		931040590			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		16			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040593			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		165			
Formation End Depth:		225			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040592			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		68			
Formation End Depth:		165			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519100			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10589540			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071531			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		225			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071530			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		70			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991519100			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		100			
Recommended Pump Depth:		100			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381661			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901167			
Test Type:		Draw Down			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651638			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106920			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		100			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475988			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		220			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475987			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		185			
Water Found Depth UOM:		ft			

80 1 of 1 **WSW/676.0** **79.9 / 0.00** **ON** **BORE**

Borehole ID:	848078	Inclin FLG:	No
OGF ID:	215589732	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	01-FEB-1978	Municipality:	
Static Water Level:	1.0	Lot:	ROAD
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.260172
Total Depth m:	5.2	Longitude DD:	-75.709923
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	444301
Drill Method:	Hollow stem auger	Northing:	5012098
Orig Ground Elev m:	26	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	82.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6559868			Mat Consistency:	
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	5.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVELLY SAND TO SANDY GRAVEL, SOME SILT, TRACE OF CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559867			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	cobble			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL, OCCASIONAL COBBLES **Note: Many records provided by the department have a truncated [Stratum Description] field.				

81	1 of 1	WSW/676.3	78.4 / -1.53	ON	BORE
Borehole ID:	848079			Inclin FLG:	No
OGF ID:	215589733			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	JAN-1978			Municipality:	
Static Water Level:	1.2			Lot:	LOT 10
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.259788
Total Depth m:	4.2			Longitude DD:	-75.709485
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444335
Drill Method:	Hollow stem auger			Northing:	5012055
Orig Ground Elev m:	25.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	82.3				
Concession:		CON 1			
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6559870			Mat Consistency:	
Top Depth:	1.7			Material Moisture:	
Bottom Depth:	4.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVELLY SAND TO SANDY GRAVEL, SOME SILT, TRACE CLAY **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	6559869			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	cobble			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	FILL COBBLES **Note: Many records provided by the department have a truncated [Stratum Description] field.				

<u>82</u>	1 of 1	E/678.1	90.9 / 11.00	ON	BORE
Borehole ID:	612019			Inclin FLG:	No
OGF ID:	215513329			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	MAR-1959			Municipality:	
Static Water Level:	-78.0			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.262282
Total Depth m:	91.4			Longitude DD:	-75.694657
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	445501
Drill Method:				Northing:	5012322
Orig Ground Elev m:	0			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	90.5				
Concession:					
Location D:					
Survey D:					
Comments:					

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Ident:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 04527 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	Horizontal Datum:	NAD27
Source Type:	Data Survey	Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972	Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

<u>83</u>	1 of 1	E/678.1	90.9 / 11.00	lot 22 ON	WWIS
Well ID:	1501673			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/16/1959
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501673.pdf

Bore Hole Information

Bore Hole ID:	10023716	Elevation:	90.520095
DP2BR:	11	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	445500.8
Code OB Desc:	Bedrock	North83:	5012322
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	3/3/1959	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	930992507
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11
Formation End Depth:	52
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	930992506
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		11			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961501673			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10572286			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930040275			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930040276			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		52			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991501673			
Pump Set At:					
Static Level:		19			
Final Level After Pumping:		19			
Recommended Pump Depth:		19			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933454397			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52			
Water Found Depth UOM:		ft			

84	1 of 1	NNE/686.3	86.5 / 6.59	686 RIVER ROAD lot 20 con 1 GLOUCESTER ON	WWIS
Well ID:		7156870		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	12/29/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Abandoned-Other		Abandonment Rec:	Yes
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:		Z119955		Owner:	
Tag:				Street Name:	686 RIVER ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	020
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156870.pdf

Bore Hole Information

Bore Hole ID:	1003444428	Elevation:	83.074501
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444959
Code OB Desc:		North83:	5013175
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/12/2010	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment
Sealing Record**

Plug ID:	1003594857
Layer:	1
Plug From:	15

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:			0		
Plug Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			1003594861		
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			1003594854		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1003594859		
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Screen</u>					
Screen ID:			1003594860		
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:			ft		
Screen Diameter UOM:			inch		
Screen Diameter:					
<u>Water Details</u>					
Water ID:			1003594858		
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:			ft		
<u>Hole Diameter</u>					
Hole ID:			1003594856		
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:			ft		
Hole Diameter UOM:			inch		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
85	1 of 2	N/691.5	78.5 / -1.41	55 LODGE ROAD lot 11 con 1 NEPEAN ON	WWIS

Well ID:	7156872	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	12/29/2010
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	Yes
Water Type:		Contractor:	1119
Casing Material:		Form Version:	7
Audit No:	Z119957	Owner:	
Tag:		Street Name:	55 LODGE ROAD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	PART 12
Depth to Bedrock:		Lot:	011
Well Depth:		Concession:	01
Overburden/Bedrock:		Concession Name:	RF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156872.pdf

Bore Hole Information

Bore Hole ID:	1003444432	Elevation:	80.145606
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444817
Code OB Desc:		North83:	5013189
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/4/2010	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003595041
Layer:	2
Plug From:	10
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003595040
Layer:	1
Plug From:	60
Plug To:	10
Plug Depth UOM:	ft

Method of Construction & Well

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
	Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	1003595045			
<u>Pipe Information</u>					
	Pipe ID: Casing No: Comment: Alt Name:	1003595037 0			
<u>Construction Record - Casing</u>					
	Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	1003595043			
<u>Construction Record - Screen</u>					
	Screen ID: Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:	1003595044			
<u>Water Details</u>					
	Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:	1003595042			
<u>Hole Diameter</u>					
	Hole ID: Diameter: Depth From: Depth To: Hole Depth UOM: Hole Diameter UOM:	1003595039			
85	2 of 2	N/691.5	78.5 / -1.41	55 LODGE ROAD lot 11 con 1 NEPEAN ON	WWIS
	Well ID: Construction Date:	7156873		Data Entry Status: Data Src:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:				Date Received:	12/29/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z119958			Owner:	
Tag:				Street Name:	55 LODGE ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	PART 12
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156873.pdf				

Bore Hole Information

Bore Hole ID:	1003444434	Elevation:	80.145606
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444817
Code OB Desc:		North83:	5013189
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/4/2010	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003595054
Layer:	1
Plug From:	30
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003595058
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1003595051
Casing No:	0
Comment:	
Alt Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1003595056			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1003595057			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1003595055			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1003595053			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

86 1 of 1 **WSW/693.5** **79.7 / -0.17** **ON** **BORE**

Borehole ID:	848076	Inclin FLG:	No
OGF ID:	215589730	SP Status:	Initial Entry
Status:	Decommissioned	Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:	Geotechnical/Geological Investigation	Primary Name:	
Completion Date:	25-JAN-1978	Municipality:	
Static Water Level:		Lot:	ROAD
Primary Water Use:		Township:	NEPEAN
Sec. Water Use:		Latitude DD:	45.259759
Total Depth m:	5.3	Longitude DD:	-75.70974
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	444315
Drill Method:	Hollow stem auger	Northing:	5012052
Orig Ground Elev m:	25.1	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Within 10 metres
DEM Ground Elev m:	82.2		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	6559862			Mat Consistency:	Compact
Top Depth:	3.1			Material Moisture:	
Bottom Depth:	4.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:	Clay			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVELLY SAND TO SANDY GRAVEL, SOME SILT, TRACE OF CLAY, COMPACT TO VERY DENSE **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559863			Mat Consistency:	
Top Depth:	4.1			Material Moisture:	
Bottom Depth:	5.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:	Bedrock			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SOUND LIMESTONE BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559860			Mat Consistency:	
Top Depth:	1			Material Moisture:	
Bottom Depth:	1.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Silt			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:	organic material			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND WITH CLAYEY SILT, TRACE ORG.				
Geology Stratum ID:	6559857			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Silt			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND WITH GRAVEL, SOME SILT **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	6559858			Mat Consistency:	
Top Depth:	.4			Material Moisture:	
Bottom Depth:	.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	cobble			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL, SAND, SOME COBBLES **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID: 6559859 Top Depth: .7 Bottom Depth: 1 Material Color: Material 1: Sand Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:				Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
SAND UNIFORM **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Geology Stratum ID: 6559861 Top Depth: 1.2 Bottom Depth: 3.1 Material Color: Material 1: Sand Material 2: Gravel Material 3: Silt Material 4: Clay Gsc Material Description: Stratum Description:				Mat Consistency: Very Loose Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
GRAVELLY SAND TO SANDY GRAVEL, SOME SILT, TRACE OF CLAY, VERY LOOSE TO LOSE **Note: Many records provided by the department have a truncated [Stratum Description] field.					

87	1 of 1	NNE/693.6	91.6 / 11.69	680 RIVER RD Ottawa ON	WWIS
Well ID: 7280109 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: 0 Water Type: Casing Material: Audit No: Z214972 Tag: A191170 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Data Entry Status: Data Src: Date Received: 2/2/2017 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 680 RIVER RD County: OTTAWA Municipality: GLOUCESTER TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):					
<u>Bore Hole Information</u>					
Bore Hole ID: 1006347571 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 12/12/2016 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source:				Elevation: 90.133445 Elevrc: Zone: 18 East83: 445033 North83: 5013166 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	

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

Overburden and Bedrock Materials Interval

Formation ID: 1006541810
Layer: 3
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 2.13
Formation End Depth: 6.4
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006541808
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0
Formation End Depth: .31
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1006541809
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: .31
Formation End Depth: 2.13
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1006541819
Layer: 2
Plug From: 0.31
Plug To: 3.1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006541818			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006541820			
Layer:		3			
Plug From:		3.1			
Plug To:		6.4			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006541817			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006541807			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006541813			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.35			
Casing Diameter:		5.26			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006541814			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.35			
Screen End Depth:		6.4			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Water ID: 1006541812
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1006541811
Diameter: 11.43
Depth From: 0
Depth To: 7.62
Hole Depth UOM: m
Hole Diameter UOM: cm

88	1 of 1	NNE/695.5	91.6 / 11.69	680 RIVER ROAD Ottawa ON	WWIS
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Well ID: 7271906
Construction Date:
Primary Water Use: Monitoring and Test Hole
Sec. Water Use: 0
Final Well Status: Monitoring and Test Hole
Water Type:
Casing Material:
Audit No: Z233076
Tag: A190865
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 9/22/2016
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 680 RIVER ROAD
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7271906.pdf

Bore Hole Information

Bore Hole ID: 1006251755
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 8/22/2016
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 90.186691
Elevrc:
Zone: 18
East83: 445040
North83: 5013166
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			1006338303		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			06		
Mat2 Desc:			SILT		
Mat3:			12		
Mat3 Desc:			STONES		
Formation Top Depth:			3.96		
Formation End Depth:			12.5		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006338304		
Layer:			4		
Color:			6		
General Color:			BROWN		
Mat1:			28		
Most Common Material:			SAND		
Mat2:			06		
Mat2 Desc:			SILT		
Mat3:			11		
Mat3 Desc:			GRAVEL		
Formation Top Depth:			12.5		
Formation End Depth:			14.63		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006338301		
Layer:			1		
Color:			6		
General Color:			BROWN		
Mat1:			02		
Most Common Material:			TOPSOIL		
Mat2:					
Mat2 Desc:					
Mat3:			85		
Mat3 Desc:			SOFT		
Formation Top Depth:			0		
Formation End Depth:			.31		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1006338302		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			06		
Mat2 Desc:			SILT		
Mat3:			28		
Mat3 Desc:			SAND		

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Formation Top Depth:</i>		.31			
<i>Formation End Depth:</i>		3.96			
<i>Formation End Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006338313			
<i>Layer:</i>		2			
<i>Plug From:</i>		0.31			
<i>Plug To:</i>		11.28			
<i>Plug Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006338314			
<i>Layer:</i>		3			
<i>Plug From:</i>		11.28			
<i>Plug To:</i>		14.63			
<i>Plug Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1006338312			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		0.31			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		1006338311			
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1006338300			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1006338307			
<i>Layer:</i>		1			
<i>Material:</i>		5			
<i>Open Hole or Material:</i>		PLASTIC			
<i>Depth From:</i>		0			
<i>Depth To:</i>		11.58			
<i>Casing Diameter:</i>		4.03			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen ID:		1006338308			
Layer:		1			
Slot:		10			
Screen Top Depth:		11.58			
Screen End Depth:		14.63			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1006338306			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006338305			
Diameter:		11.43			
Depth From:		0			
Depth To:		14.63			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<hr/>					

[89](#) 1 of 1 **NNE/700.4** **91.3 / 11.43** **680 RIVER RD**
Ottawa ON **WWIS**

Well ID:	7280111	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Monitoring and Test Hole	Date Received:	2/2/2017
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole	Abandonment Rec:	
Water Type:		Contractor:	7241
Casing Material:		Form Version:	7
Audit No:	Z214976	Owner:	
Tag:	A191171	Street Name:	680 RIVER RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006347577	Elevation:	89.57035
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445010
Code OB Desc:		North83:	5013179
Open Hole:		Org CS:	UTM83

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	4
Date Completed:	12/14/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006541872			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		66			
Mat3 Desc:		DENSE			
Formation Top Depth:		11.89			
Formation End Depth:		14.02			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006541871			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		1.82			
Formation End Depth:		11.89			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006541869			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:			1006541870		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			11		
Mat2 Desc:			GRAVEL		
Mat3:			85		
Mat3 Desc:			SOFT		
Formation Top Depth:			.31		
Formation End Depth:			1.82		
Formation End Depth UOM:			m		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006541882		
Layer:			3		
Plug From:			10.91		
Plug To:			14.02		
Plug Depth UOM:			m		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006541881		
Layer:			2		
Plug From:			0.31		
Plug To:			10.97		
Plug Depth UOM:			m		
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:			1006541880		
Layer:			1		
Plug From:			0		
Plug To:			0.31		
Plug Depth UOM:			m		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			1006541879		
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			1006541868		
Casing No:			0		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			1006541875		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0					
Depth To: 10.97					
Casing Diameter: 4.03					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1006541876					
Layer: 1					
Slot: 10					
Screen Top Depth: 10.97					
Screen End Depth: 14.02					
Screen Material: 5					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter: 4.82					
<u>Water Details</u>					
Water ID: 1006541874					
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1006541873					
Diameter: 11.43					
Depth From: 0					
Depth To: 14.02					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

90	1 of 1	NNE/703.3	91.3 / 11.43	680 RIVER RD. BARRHAVEN ON	WWIS
Well ID: 7313162		Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use: Test Hole		Date Received: 6/19/2018			
Sec. Water Use: Monitoring		Selected Flag: Yes			
Final Well Status: Abandoned-Other		Abandonment Rec: Yes			
Water Type:		Contractor: 7241			
Casing Material:		Form Version: 7			
Audit No: Z281928		Owner:			
Tag:		Street Name: 680 RIVER RD.			
Construction Method:		County: OTTAWA			
Elevation (m):		Municipality: GLOUCESTER TOWNSHIP			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:			
Well Depth:		Concession:			
Overburden/Bedrock:		Concession Name:			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					

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

Bore Hole Information

Bore Hole ID:	1007114779	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445014
Code OB Desc:		North83:	5013181
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/19/2018	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1007275755
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007275754
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1007275746
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007275750
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007275751
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Slot:		10			
Screen Top Depth:					
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1007275749			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007275748			
Diameter:		5.7			
Depth From:		0			
Depth To:		1.86			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

91	1 of 4	NE/706.2	88.9 / 9.00	MACEWEN PETROLEUM INC*** 685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	FST
Instance No:		55747570		Manufacturer:	NULL
Status:		Active		Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:		FS Liquid Fuel Tank		Quantity:	1
Item:		FS LIQUID FUEL TANK		Unit of Measure:	EA
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Gasoline
Tank Type:		Double Wall UST		Fuel Type2:	NULL
Install Date:		4/24/2008		Fuel Type3:	NULL
Install Year:		2002		Piping Steel:	
Years in Service:		2.9		Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		25000		Num Underground:	
Tank Material:		Steel		Panam Related:	NULL
Corrosion Protect:		NULL		Panam Venue:	NULL
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Location:		685 RIVER RD GLOUCESTER K1V 1C7 ON CA			
Device Installed Location:		685 RIVER RD GLOUCESTER K1V 1C7 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		MACEWEN PETROLEUM INC***			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:		NULL			
Owner Account Name:		MACEWEN PETROLEUM INC***			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
91	2 of 4	NE/706.2	88.9 / 9.00	MACEWEN PETROLEUM INC*** 685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	FST
Instance No:		55747572		Manufacturer:	NULL
Status:		Active		Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:		FS Liquid Fuel Tank		Quantity:	1
Item:		FS LIQUID FUEL TANK		Unit of Measure:	EA
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Gasoline
Tank Type:		Double Wall UST		Fuel Type2:	NULL
Install Date:		4/24/2008		Fuel Type3:	NULL
Install Year:		2002		Piping Steel:	
Years in Service:		2.9		Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		25000		Num Underground:	
Tank Material:		Steel		Panam Related:	NULL
Corrosion Protect:		NULL		Panam Venue:	NULL
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Location:		685 RIVER RD GLOUCESTER K1V 1C7 ON CA			
Device Installed Location:		685 RIVER RD GLOUCESTER K1V 1C7 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		MACEWEN PETROLEUM INC***			
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:		NULL			
Owner Account Name:		MACEWEN PETROLEUM INC***			

91	3 of 4	NE/706.2	88.9 / 9.00	MACEWEN PETROLEUM INC*** 685 RIVER RD GLOUCESTER K1V 1C7 ON CA 685 RIVER RD GLOUCESTER K1V 1C7 ON CA ON	FST
Instance No:		55747571		Manufacturer:	NULL
Status:		Active		Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:		FS Liquid Fuel Tank		Quantity:	1
Item:		FS LIQUID FUEL TANK		Unit of Measure:	EA
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Gasoline
Tank Type:		Double Wall UST		Fuel Type2:	NULL
Install Date:		4/24/2008		Fuel Type3:	NULL
Install Year:		2002		Piping Steel:	
Years in Service:		2.9		Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		50000		Num Underground:	
Tank Material:		Steel		Panam Related:	NULL
Corrosion Protect:		NULL		Panam Venue:	NULL
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:		FS Gasoline Station - Self Serve			
Facility Location:		685 RIVER RD GLOUCESTER K1V 1C7 ON CA			
Device Installed Location:		685 RIVER RD GLOUCESTER K1V 1C7 ON CA			

Fuel Storage Tank Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Owner Account Name: MACEWEN PETROLEUM INC***

Liquid Fuel Tank Details

Overfill Protection: NULL
 Owner Account Name: MACEWEN PETROLEUM INC***

91	4 of 4	NE/706.2	88.9 / 9.00	685 RIVER RD GLOUCESTER ON K1V 1C7	FST
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Instance No:	10353268	Manufacturer:	
Status:	Active	Serial No:	
Cont Name:		Ulc Standard:	
Instance Type:		Quantity:	
Item:	FS GASOLINE STATION - SELF SERVE	Unit of Measure:	
Item Description:		Fuel Type:	
Tank Type:		Fuel Type2:	
Install Date:		Fuel Type3:	
Install Year:		Piping Steel:	0
Years in Service:		Piping Galvanized:	0
Model:		Tanks Single Wall St:	0
Description:		Piping Underground:	3
Capacity:		Num Underground:	3
Tank Material:		Panam Related:	
Corrosion Protect:		Panam Venue:	
Overfill Protect:			
Facility Type:			
Parent Facility Type:			
Facility Location:			
Device Installed Location:			

92	1 of 1	NNE/710.5	90.8 / 10.96	CITY OF OTTAWA 680 RIVER ROAD, OTTAWA, ON K1V 1G1 Ottawa ON	RSC
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RSC ID:	224273	Cert Date:	
RA No:		Cert Prop Use No:	
RSC Type:	Phase 1 and 2 RSC	Intended Prop Use:	Parkland
Curr Property Use:	Industrial	Qual Person Name:	SEAN STERLING
Ministry District:	Ottawa District Office	Stratified (Y/N):	
Filing Date:	2018/02/22	Audit (Y/N):	
Date Ack:		Entire Leg Prop. (Y/N):	
Date Returned:		Accuracy Estimate:	
Restoration Type:		Telephone:	
Soil Type:		Fax:	
Criteria:		Email:	
CPU Issued Sect 1686:			
Asmt Roll No:	061460002007300		
Prop ID No (PIN):	04589-1525 (R)		
Property Municipal Address:	680 RIVER ROAD, OTTAWA, ON K1V 1G1		
Mailing Address:			
Latitude & Latitude:			
UTM Coordinates:			
Consultant:			
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=92479&fileName=BROWNFIELDS-E.pdf		

Document(s) Detail

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Document Heading:		Supporting Documents			
Document Name:		680 River - Phase Two CSM_R0.pdf			
Document Type:		Phase 2 Conceptual Site Model			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=92485&fileName=680+River++Phase+Two+CSM_R0.pdf			
Document Heading:		Supporting Documents			
Document Name:		680 River - Current and Past Use Table_R0.pdf			
Document Type:		Table of Current and Past Property Use			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=92481&fileName=680+River++Current+and+Past+Use+Table_R0.pdf			
Document Heading:		Supporting Documents			
Document Name:		680 River - Deed and Transfers.pdf			
Document Type:		Copy of any deed(s), transfer(s) or other document(s)			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=92484&fileName=680+River++Deed+and+Transfers.pdf			
Document Heading:		Supporting Documents			
Document Name:		Survey.pdf			
Document Type:		A Current plan of Survey			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=93043&fileName=Survey.pdf			
Document Heading:		Supporting Documents			
Document Name:		680 River - RSC Lawyer Letter - 10Jan2018.pdf			
Document Type:		Lawyer's letter consisting of a legal description of the property			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=92482&fileName=680+River++RSC+Lawyer+Letter++10Jan2018.pdf			
Document Heading:		Supporting Documents			
Document Name:		680 River - APEC Table_R0.pdf			
Document Type:		Area(s) of Potential Environmental Concern			
Document Link:		https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=92483&fileName=680+River++APEC+Table_R0.pdf			

93	1 of 1	WSW/710.8	92.0 / 12.08	18 LODGE ROAD lot 10 con 2 OTTAWA ON	WWIS
Well ID:	7163229			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	5/18/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z119823			Owner:	
Tag:				Street Name:	18 LODGE ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	010
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7167163229.pdf				

Bore Hole Information

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Bore Hole ID:	1003510530			Elevation:	91.409011
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	444166
Code OB Desc:				North83:	5012291
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	3/3/2011			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003900052				
Layer:	1				
Plug From:	0				
Plug To:	63				
Plug Depth UOM:	ft				
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003900053				
Layer:	1				
Plug From:	0				
Plug To:	4				
Plug Depth UOM:	ft				
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1003900054				
Layer:	2				
Plug From:	4				
Plug To:	63				
Plug Depth UOM:	ft				
 <u>Method of Construction & Well Use</u>					
Method Construction ID:	1003900051				
Method Construction Code:					
Method Construction:					
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	1003900045				
Casing No:	0				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	1003900049				

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

Construction Record - Screen

Screen ID: 1003900050
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1003900048
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003900047
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

94	1 of 1	SSE/711.1	90.3 / 10.39	3704 Prince of Wales Dr. Ottawa ON	EHS
Order No:	20060911023			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	9/19/2006			Search Radius (km):	0.25
Date Received:	8/11/2006			X:	-75.699564
Previous Site Name:				Y:	45.2579
Lot/Building Size:					
Additional Info Ordered:					

95	1 of 1	WSW/712.2	80.8 / 0.92	ON	BORE
Borehole ID:	848075			Inclin FLG:	No
OGF ID:	215589729			SP Status:	Initial Entry
Status:	Decommissioned			Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	06-MAY-1959			Municipality:	
Static Water Level:				Lot:	LOT 10

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:				Township:	NEPEAN
Sec. Water Use:				Latitude DD:	45.259462
Total Depth m:	15.1			Longitude DD:	-75.709685
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444319
Drill Method:	Diamond Drill			Northing:	5012019
Orig Ground Elev m:	82.7			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Within 10 metres
DEM Ground Elev m:	84.3				
Concession:		CON 2			
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	6559856			Mat Consistency:	
Top Depth:	12.6			Material Moisture:	
Bottom Depth:	15.1			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:	Dolomite			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GREY FISSURED DOLOMITIC LIMESTONE WITH THIN SEAMS OF WHITE SANDSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	6559855			Mat Consistency:	Dense
Top Depth:	10.7			Material Moisture:	
Bottom Depth:	12.6			Material Texture:	Fine
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GREY DENSE FINE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	6559853			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Fill			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Sand			Geologic Period:	
Material 4:	Silt			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL-SAND-SILT FILL **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	6559854			Mat Consistency:	Loose
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	10.7			Material Texture:	Fine to Medium
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Gravel			Geologic Group:	
Material 3:	Boulders			Geologic Period:	
Material 4:	Limestone			Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIGHT GREY, LOOSE TO VERY DENSE (DENSITY INCREASING WITH DEPTH) FINE TO MEDIUM SAND WITH FINE TO COARSE ANGULAR TO SUB-ANGULAR GRAVEL AND BOULDERS; WITH AN APPRECIABLE AMOUNT OF LIMESTONE ROCK-FLOUR **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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96 1 of 1 SW/712.3 84.6 / 4.69 ON BORE

Borehole ID:	612005	Inclin FLG:	No
OGF ID:	215513315	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:		Municipality:	
Static Water Level:	3.7	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.258777
Total Depth m:	-999	Longitude DD:	-75.708635
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	444401
Drill Method:		Northing:	5011942
Orig Ground Elev m:	88.4	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	88.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389791	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	16.8	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218389793	Mat Consistency:	
Top Depth:	18.9	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:	White	Non Geo Mat Type:	
Material 1:	Bedrock	Geologic Formation:	
Material 2:	Limestone	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. WHITE. SANDSTONE. WHITE. 00086 = 19500. BEDROCK. SEISMIC VELOCIT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218389792	Mat Consistency:	
Top Depth:	16.8	Material Moisture:	
Bottom Depth:	18.9	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Gravel	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	GRAVEL. WATER STABLE AT 278.0 FEET.		

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 045130 NTS_Sheet: 31G05B
Confiden 1: Reliable information but incomplete.

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

[97](#) 1 of 1 **NNE/714.7** **90.9 / 11.05** **680 River Road
Ottawa ON K1V 1G1** **EHS**

Order No: 20160718023
Status: C
Report Type: RSC Report (Urban)
Report Date: 22-JUL-16
Date Received: 18-JUL-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .3
X: -75.700729
Y: 45.270042

[98](#) 1 of 1 **W/716.6** **90.8 / 10.97** **lot 11 con 2
ON** **WWIS**

Well ID: 1519500
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 3/6/1985
Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 011
Concession: 02
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519500.pdf

Bore Hole Information

Bore Hole ID: 10041370
DP2BR: 45
Spatial Status:
Code OB: r

Elevation: 92.655883
Elevrc:
Zone: 18
East83: 444129.7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:	Bedrock			North83:	5012521
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	6/29/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 931041876
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 45
Formation End Depth: 120
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931041875
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 0
Formation End Depth: 45
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961519500
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10589940
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 930072231					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 50					
Casing Diameter: 6					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991519500					
Pump Set At:					
Static Level: 30					
Final Level After Pumping: 70					
Recommended Pump Depth: 80					
Pumping Rate: 18					
Flowing Rate:					
Recommended Pump Rate: 18					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 0					
Pumping Duration MIN: 30					
Flowing: No					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934109133					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 70					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934383307					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 70					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933476510					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 115					
Water Found Depth UOM: ft					

[99](#) 1 of 1 **N/717.1** **75.6 / -4.25** **55 LODGE ROAD lot 11 con 1 NEPEAN ON** **WWIS**

Well ID: 7156871	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use:	Date Received: 12/29/2010
Sec. Water Use:	Selected Flag: Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z119956			Owner:	
Tag:				Street Name:	55 LODGE ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	PART 12
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	01
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156871.pdf

Bore Hole Information

Bore Hole ID:	1003444430	Elevation:	80.318244
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	444829
Code OB Desc:		North83:	5013215
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/4/2010	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1003594949
Layer:	1
Plug From:	66
Plug To:	6
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1003594950
Layer:	2
Plug From:	6
Plug To:	0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	1003594954
Method Construction Code:	
Method Construction:	
Other Method Construction:	

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

Pipe ID: 1003594946
 Casing No: 0
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 1003594952
 Layer:
 Material:
 Open Hole or Material:
 Depth From:
 Depth To:
 Casing Diameter:
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1003594953
 Layer:
 Slot:
 Screen Top Depth:
 Screen End Depth:
 Screen Material:
 Screen Depth UOM: ft
 Screen Diameter UOM: inch
 Screen Diameter:

Water Details

Water ID: 1003594951
 Layer:
 Kind Code:
 Kind:
 Water Found Depth:
 Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1003594948
 Diameter:
 Depth From:
 Depth To:
 Hole Depth UOM: ft
 Hole Diameter UOM: inch

100	1 of 1	NNE/718.2	90.4 / 10.54	680 RIVER ROAD Ottawa ON	WWIS
Well ID:	7271907			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	9/22/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z233042			Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A190859			Street Name:	680 RIVER ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7271907.pdf

Bore Hole Information

Bore Hole ID:	1006251758	Elevation:	90.490615
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445083
Code OB Desc:		North83:	5013176
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	8/22/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006338316
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0
Formation End Depth:	.31
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006338317
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	28
Mat3 Desc:	SAND

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		.31			
Formation End Depth:		4.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006338318			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		4.27			
Formation End Depth:		7.62			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006338327			
Layer:		2			
Plug From:		0.31			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006338326			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006338328			
Layer:		3			
Plug From:		4.27			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006338325			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006338315			
Casing No:		0			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
Casing ID:		1006338321			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.57			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006338322			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57			
Screen End Depth:		7.62			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		9.82			
<u>Water Details</u>					
Water ID:		1006338320			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006338319			
Diameter:		8.25			
Depth From:		0			
Depth To:		7.62			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

101	1 of 1	NE/T20.6	88.1 / 8.20	671 RIVER RD Ottawa ON	WWIS
Well ID:	7237542			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	2/16/2015
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z195921			Owner:	
Tag:	A170558			Street Name:	671 RIVER RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	

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

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005307403	Elevation:	88.357261
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445210
Code OB Desc:		North83:	5013120
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	1/8/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005525842
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.44
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005525840
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	.61
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1005525841			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		08			
Mat2 Desc:		FINE SAND			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		.61			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005525850			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005525852			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005525851			
Layer:		2			
Plug From:		0.31			
Plug To:		1.22			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005525849			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005525839			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005525845			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005525846			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1005525844			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005525843			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

102	1 of 1	NE/720.8	88.2 / 8.31	761 RIVER RD. OTTAWA ON	WWIS
Well ID:		7253974		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Monitoring and Test Hole		Date Received: 12/10/2015	
Sec. Water Use:		0		Selected Flag: Yes	
Final Well Status:		Observation Wells		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z214891		Owner:	
Tag:		A165606		Street Name: 761 RIVER RD.	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: GLOUCESTER TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

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

Bore Hole Information

Bore Hole ID:	1005833189	Elevation:	88.516952
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445198
Code OB Desc:		North83:	5013127
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/17/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005877088
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.61
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005877089
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	3.1
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005877090
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		4.57			
Formation End Depth:		7.62			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005877087			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		77			
Mat2 Desc:		LOOSE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005877098			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005877099			
Layer:		2			
Plug From:		0.31			
Plug To:		3.96			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005877100			
Layer:		3			
Plug From:		3.96			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1005877097			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1005877086			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005877093			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.57			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005877094			
Layer:		1			
Slot:		10			
Screen Top Depth:		4.57			
Screen End Depth:		7.62			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		6.03			
<u>Water Details</u>					
Water ID:		1005877092			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005877091			
Diameter:		15.24			
Depth From:		0			
Depth To:		7.62			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

103	1 of 1	NNE/T22.2	90.0 / 10.07	680 RIVER RD Ottawa ON	WWIS
Well ID:	7280110			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	2/2/2017
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z214971			Owner:	
Tag:	A191180			Street Name:	680 RIVER RD
Construction Method:				County:	OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):				Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	GLOUCESTER TOWNSHIP

Bore Hole Information

Bore Hole ID:	1006347574	Elevation:	89.193954
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445020
Code OB Desc:		North83:	5013199
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	12/12/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006541824
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.82
Formation End Depth:	7.62
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006541823
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.31
Formation End Depth:	1.82

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006541822			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006541832			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006541834			
Layer:		3			
Plug From:		4.21			
Plug To:		7.62			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006541833			
Layer:		2			
Plug From:		0.31			
Plug To:		4.27			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006541831			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006541821			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			1006541827		
Layer:			1		
Material:			5		
Open Hole or Material:			PLASTIC		
Depth From:			0		
Depth To:			4.57		
Casing Diameter:			5.2		
Casing Diameter UOM:			cm		
Casing Depth UOM:			m		
<u>Construction Record - Screen</u>					
Screen ID:			1006541828		
Layer:			1		
Slot:			10		
Screen Top Depth:			4.57		
Screen End Depth:			7.62		
Screen Material:			5		
Screen Depth UOM:			m		
Screen Diameter UOM:			cm		
Screen Diameter:			6.03		
<u>Water Details</u>					
Water ID:			1006541826		
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:			m		
<u>Hole Diameter</u>					
Hole ID:			1006541825		
Diameter:			11.43		
Depth From:			0		
Depth To:			7.62		
Hole Depth UOM:			m		
Hole Diameter UOM:			cm		

104	1 of 1	W/726.7	91.9 / 11.98	lot 11 con 2 ON	WWIS
Well ID:	1517697			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/11/1982
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1517
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

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

Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517697.pdf

Bore Hole Information

Bore Hole ID:	10039569	Elevation:	91.876731
DP2BR:	42	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444129.7
Code OB Desc:	Bedrock	North83:	5012621
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	9/29/1981	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931036017
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6
Formation End Depth:	37
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931036016
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931036018
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	37				
Formation End Depth:	42				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931036019				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	42				
Formation End Depth:	54				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961517697				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10588139				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930069173				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	42				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991517697				
Pump Set At:					
Static Level:	11				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Final Level After Pumping: 23
Recommended Pump Depth:
Pumping Rate: 18
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934895641
Test Type: Draw Down
Test Duration: 60
Test Level: 23
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934646366
Test Type: Draw Down
Test Duration: 45
Test Level: 23
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376114
Test Type: Draw Down
Test Duration: 30
Test Level: 22
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102225
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Water Details

Water ID: 933474221
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 53
Water Found Depth UOM: ft

105	1 of 1	NE/727.7	88.2 / 8.31	671 RIVER RD Ottawa ON	WWIS
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Well ID: 7237540	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use: Monitoring and Test Hole	Date Received: 2/16/2015

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z195930			Owner:	
Tag:	A170557			Street Name:	671 RIVER RD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005307397	Elevation:	88.376029
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445198
Code OB Desc:		North83:	5013135
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	1/8/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005525792
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	
Mat3 Desc:	
Formation Top Depth:	2.44
Formation End Depth:	4.57
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005525790
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		GRAVEL			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005525791			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		08			
Mat2 Desc:		FINE SAND			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		.61			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005525801			
Layer:		2			
Plug From:		0.31			
Plug To:		1.22			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005525800			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005525802			
Layer:		3			
Plug From:		1.22			
Plug To:		4.57			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005525799			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1005525789			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005525795			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		1.5			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005525796			
Layer:		1			
Slot:		10			
Screen Top Depth:		1.5			
Screen End Depth:		4.57			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1005525794			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005525793			
Diameter:		8.25			
Depth From:		0			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

[106](#)

1 of 1

S/732.2

79.9 / 0.00

ON

BORE

Borehole ID:	611996	Inclin FLG:	No
OGF ID:	215513306	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	AUG-1968	Municipality:	
Static Water Level:	-7.3	Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.257274
Total Depth m:	17.4	Longitude DD:	-75.704155

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	444751
Drill Method:				Northing:	5011772
Orig Ground Elev m:	79.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	80.8				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389768			Mat Consistency:	
Top Depth:	12.2			Material Moisture:	
Bottom Depth:	17.4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sandstone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SANDSTONE. 00055284.0 FEET.IC VELOCITY = 5900. BEDROCK. SEISMIC VELOCITY = 19500. BED **Note: Many records provided by the department have a truncated [Stratum Description] field.				

Geology Stratum ID:	218389767			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	12.2			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY,BOULDERS. GREY.				

Source

Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 04504 NTS_Sheet:				
Confiden 1:					

Source List

Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

107	1 of 1	S/732.3	79.9 / 0.00	lot 22 ON	WWIS
Well ID:	1509609			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/30/1968

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1301
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	BF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509609.pdf

Bore Hole Information

Bore Hole ID:	10031641	Elevation:	80.819519
DP2BR:	40	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444750.7
Code OB Desc:	Bedrock	North83:	5011772
Open Hole:		Org CS:	4
Cluster Kind:		UTMRC:	4
Date Completed:	8/20/1968	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931012560
Layer:	2
Color:	
General Color:	
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	40
Formation End Depth:	57
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931012559
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509609			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580211			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055925			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		40			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055927			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		57			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055926			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:		991509609			
Pump Set At:					
Static Level:	6				
Final Level After Pumping:	8				
Recommended Pump Depth:	25				
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:	10				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:		933464485			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55			
Water Found Depth UOM:		ft			

108	1 of 1	NNE/732.4	90.0 / 10.07	680 RIVER ROAD Ottawa ON	WWIS
Well ID:	7271905			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring and Test Hole			Date Received:	9/22/2016
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Monitoring and Test Hole			Abandonment Rec:	
Water Type:				Contractor:	7241
Casing Material:				Form Version:	7
Audit No:	Z233077			Owner:	
Tag:	A190864			Street Name:	680 RIVER ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/727\7271905.pdf				

<u>Bore Hole Information</u>					
Bore Hole ID:	1006251710			Elevation:	88.309265
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	445005
Code OB Desc:				North83:	5013213
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/22/2016			UTMRC Desc:	margin of error : 30 m - 100 m

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

Location Method: WWT

Overburden and Bedrock
Materials Interval

Formation ID: 1006338280
 Layer: 4
 Color: 2
 General Color: GREY
 Mat1: 28
 Most Common Material: SAND
 Mat2: 06
 Mat2 Desc: SILT
 Mat3: 11
 Mat3 Desc: GRAVEL
 Formation Top Depth: 12.8
 Formation End Depth: 14.63
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1006338278
 Layer: 2
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 06
 Mat2 Desc: SILT
 Mat3: 28
 Mat3 Desc: SAND
 Formation Top Depth: .31
 Formation End Depth: 5.18
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1006338279
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 06
 Mat2 Desc: SILT
 Mat3: 12
 Mat3 Desc: STONES
 Formation Top Depth: 5.18
 Formation End Depth: 12.8
 Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1006338277			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006338290			
Layer:		3			
Plug From:		11.28			
Plug To:		14.63			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006338289			
Layer:		2			
Plug From:		0.31			
Plug To:		11.28			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006338288			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1006338287			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006338276			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006338283			
Layer:		1			
Material:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		11.58			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006338284			
Layer:		1			
Slot:		10			
Screen Top Depth:		11.58			
Screen End Depth:		14.63			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1006338282			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006338281			
Diameter:		11.43			
Depth From:		0			
Depth To:		14.63			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

109	1 of 1	NNE/733.4	90.9 / 11.05	680 RIVER RD. BARRHAVEN ON	WWIS
Well ID:		7313065		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Test Hole		Date Received: 6/19/2018	
Sec. Water Use:		Monitoring		Selected Flag: Yes	
Final Well Status:		Abandoned-Other		Abandonment Rec:	
Water Type:				Contractor: 7241	
Casing Material:				Form Version: 7	
Audit No:		Z281929		Owner:	
Tag:				Street Name: 680 RIVER RD.	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: GLOUCESTER TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):					

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

Bore Hole ID:	1007114018	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445034
Code OB Desc:		North83:	5013207
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/19/2018	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1007275222
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007275221
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1007275213
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007275217
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007275218
Layer:	1
Slot:	10
Screen Top Depth:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:					
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1007275216			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007275215			
Diameter:		5.7			
Depth From:		0			
Depth To:		1.86			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

110	1 of 1	NE/734.8	88.9 / 9.03	671 RIVER RD Ottawa ON	WWIS
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Well ID:	7290683	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	7/19/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7579
Casing Material:		Form Version:	7
Audit No:	Z261470	Owner:	
Tag:	A228339	Street Name:	671 RIVER RD
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/729\7290683.pdf

Bore Hole Information

Bore Hole ID:	1006636080	Elevation:	88.143791
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445185
Code OB Desc:		North83:	5013150
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	7/6/2017	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1006701146			
<i>Layer:</i>		2			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>		05			
<i>Mat3 Desc:</i>		CLAY			
<i>Formation Top Depth:</i>		8			
<i>Formation End Depth:</i>		20			
<i>Formation End Depth UOM:</i>		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1006701145			
<i>Layer:</i>		1			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		28			
<i>Most Common Material:</i>		SAND			
<i>Mat2:</i>		06			
<i>Mat2 Desc:</i>		SILT			
<i>Mat3:</i>		01			
<i>Mat3 Desc:</i>		FILL			
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		8			
<i>Formation End Depth UOM:</i>		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1006701154			
<i>Layer:</i>		2			
<i>Plug From:</i>		10			
<i>Plug To:</i>		20			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1006701153			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		10			
<i>Plug Depth UOM:</i>		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
<i>Method Construction ID:</i>		1006701152			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006701144			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006701149			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		10			
Casing Diameter:		2			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1006701150			
Layer:		1			
Slot:					
Screen Top Depth:		10			
Screen End Depth:		20			
Screen Material:		5			
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:		2			
<u>Water Details</u>					
Water ID:		1006701148			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1006701147			
Diameter:		3.625			
Depth From:		0			
Depth To:		20			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

[111](#)

1 of 1

NNW/736.2

80.7 / 0.87

ON

BORE

Borehole ID:
OGF ID:
Status:
Type:
Use:

612061
215513371

Borehole

Inclin FLG:
SP Status:
Surv Elev:
Piezometer:
Primary Name:

No
Initial Entry
No
No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Completion Date:				Municipality:	
Static Water Level:	8.2			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.270136
Total Depth m:	-999			Longitude DD:	-75.705844
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	444631
Drill Method:				Northing:	5013202
Orig Ground Elev m:	83.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	82.2				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389950			Mat Consistency:	
Top Depth:	3			Material Moisture:	
Bottom Depth:	15.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		SAND,BOULDERS.			
Geology Stratum ID:	218389953			Mat Consistency:	
Top Depth:	19.8			Material Moisture:	
Bottom Depth:	21.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY.			
Geology Stratum ID:	218389951			Mat Consistency:	
Top Depth:	15.2			Material Moisture:	
Bottom Depth:	18.3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY. WATER STABLE AT 248.0 FEET.			
Geology Stratum ID:	218389949			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	3			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:	Boulders			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY,BOULDERS.			
Geology Stratum ID:	218389954			Mat Consistency:	
Top Depth:	21.9			Material Moisture:	
Bottom Depth:				Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Sandstone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,SANDSTONE. 15000. BEDROCK. SEISMIC VELOCITY = 17000. 200135076 BROWN,GREY,S **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218389952			Mat Consistency:	
Top Depth:	18.3			Material Moisture:	
Bottom Depth:	19.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 045690 NTS_Sheet: 31G05B				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
112	1 of 5	NE/736.9	87.9 / 8.03	CP REIT Ontario Properties Limited 647 Earl Armstrong Road Ottawa K1V 2G2 CITY OF OTTAWA ON	EBR
EBR Registry No:	012-8403			Decision Posted:	
Ministry Ref No:	8286-ABLKLF			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:	848864204			Act 1:	
Notice Date:	December 07, 2016			Act 2:	
Proposal Date:	August 16, 2016			Site Location Map:	
Year:	2016				
Instrument Type:	(EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)				
Off Instrument Name:					
Posted By:					
Company Name:	CP REIT Ontario Properties Limited				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	22 St. Clair avenue East , 500, Toronto Ontario, Canada M4T 2Z5				
Comment Period:					
URL:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Location Details:					
647 Earl Armstrong Road Ottawa K1V 2G2 CITY OF OTTAWA					
112	2 of 5	NE/736.9	87.9 / 8.03	CP REIT Ontario Properties Limited 647 Earl Armstrong Rd Ottawa ON M4T 2Z5	ECA
Approval No:	8598-AF2Q6P			MOE District: Ottawa	
Approval Date:	2016-12-02			City:	
Status:	Revoked and/or Replaced			Longitude: -75.69273	
Record Type:	ECA			Latitude: 45.270903999999994	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	647 Earl Armstrong Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8286-ABLKLF-14.pdf				
112	3 of 5	NE/736.9	87.9 / 8.03	m.ali pharmacy services corp 647 earl armstrong road Ottawa ON K1V 2G2	GEN
Generator No:	ON9516744			PO Box No:	
Status:	Registered			Country: Canada	
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
112	4 of 5	NE/736.9	87.9 / 8.03	CP REIT Ontario Properties Limited 647 Earl Armstrong Rd Ottawa ON M4T 2Z5	ECA
Approval No:	0496-B6CQGU			MOE District: Ottawa	
Approval Date:	2018-12-17			City:	
Status:	Approved			Longitude: -75.69273	
Record Type:	ECA			Latitude: 45.270903999999994	
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	647 Earl Armstrong Rd				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5964-AXWJV6-14.pdf				
112	5 of 5	NE/736.9	87.9 / 8.03	m.ali pharmacy services corp 647 earl armstrong road	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Ottawa ON K1V 2G2					
Generator No:	ON9516744			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			

113	1 of 1	W/738.9	91.6 / 11.69	lot 11 con 2 ON	WWIS
Well ID:	1505956			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/30/1965
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505956.pdf

Bore Hole Information

Bore Hole ID:	10027999	Elevation:	93.02108
DP2BR:	59	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444110.7
Code OB Desc:	Bedrock	North83:	5012572
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/12/1965	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931003407		
Layer:			2		
Color:					
General Color:					
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:			59		
Formation End Depth:			110		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:			931003406		
Layer:			1		
Color:					
General Color:					
Mat1:			14		
Most Common Material:			HARDPAN		
Mat2:			13		
Mat2 Desc:			BOULDERS		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			59		
Formation End Depth UOM:			ft		
<u>Method of Construction & Well Use</u>					
Method Construction ID:			961505956		
Method Construction Code:			1		
Method Construction:			Cable Tool		
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:			10576569		
Casing No:			1		
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:			930048754		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			110		
Casing Diameter:			5		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing ID: 930048753
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 65
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991505956
Pump Set At:
Static Level: 40
Final Level After Pumping: 55
Recommended Pump Depth: 75
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933459995
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 108
Water Found Depth UOM: ft

[114](#) 1 of 1 **NNE/739.7** **88.2 / 8.37** **680 RIVER RD.
BARRHAVEN ON** **WWIS**

Well ID: 7313163
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: Z281927
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/19/2018
Selected Flag: Yes
Abandonment Rec: Yes
Contractor: 7241
Form Version: 7
Owner:
Street Name: 680 RIVER RD.
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

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

Bore Hole Information

Bore Hole ID:	1007114782	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445016
Code OB Desc:		North83:	5013218
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/19/2018	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment
Sealing Record**

Plug ID:	1007275765
Layer:	1
Plug From:	0
Plug To:	14.32
Plug Depth UOM:	m

**Method of Construction & Well
Use**

Method Construction ID:	1007275764
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1007275756
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007275760
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	
Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1007275761
Layer:	1
Slot:	10

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen Top Depth: Screen End Depth: Screen Material: 5 Screen Depth UOM: m Screen Diameter UOM: cm Screen Diameter: 4.82					
<u>Water Details</u>					
Water ID: 1007275759 Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1007275758 Diameter: Depth From: Depth To: Hole Depth UOM: m Hole Diameter UOM: cm					
115	1 of 1	NE/741.0	88.9 / 9.00	671 RIVER RD Ottawa ON	WWIS
Well ID: 7237541 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z195929 Tag: A170556 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 2/16/2015 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 671 RIVER RD County: OTTAWA Municipality: GLOUCESTER TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):					
<u>Bore Hole Information</u>					
Bore Hole ID: 1005307400 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 1/8/2015 Remarks:					
Elevation: 88.103469 Elevrc: Zone: 18 East83: 445185 North83: 5013157 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr					

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</u>					
<u>Materials Interval</u>					
Formation ID:		1005525804			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		0			
Formation End Depth:		.61			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005525806			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		08			
Mat2 Desc:		FINE SAND			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		2.44			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005525805			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		06			
Most Common Material:		SILT			
Mat2:		08			
Mat2 Desc:		FINE SAND			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		.61			
Formation End Depth:		2.44			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005525815			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	2				
Plug From:	0.31				
Plug To:	1.22				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005525814				
Layer:	1				
Plug From:	0				
Plug To:	0.31				
Plug Depth UOM:	m				
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:	1005525816				
Layer:	3				
Plug From:	1.22				
Plug To:	4.57				
Plug Depth UOM:	m				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	1005525813				
Method Construction Code:	D				
Method Construction:	Direct Push				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	1005525803				
Casing No:	0				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	1005525809				
Layer:	1				
Material:	5				
Open Hole or Material:	PLASTIC				
Depth From:	0				
Depth To:	1.5				
Casing Diameter:	4.03				
Casing Diameter UOM:	cm				
Casing Depth UOM:	m				
<u>Construction Record - Screen</u>					
Screen ID:	1005525810				
Layer:	1				
Slot:	10				
Screen Top Depth:	1.5				
Screen End Depth:	4.57				
Screen Material:	5				
Screen Depth UOM:	m				
Screen Diameter UOM:	cm				
Screen Diameter:	4.82				

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

Water ID: 1005525808
 Layer:
 Kind Code:
 Kind:
 Water Found Depth:
 Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005525807
 Diameter: 8.25
 Depth From: 0
 Depth To: 4.57
 Hole Depth UOM: m
 Hole Diameter UOM: cm

116	1 of 1	NE/742.0	88.9 / 9.00	761 RIVER RD. OTTAWA ON	WWIS
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Well ID: 7253976
 Construction Date:
 Primary Water Use: Monitoring and Test Hole
 Sec. Water Use: 0
 Final Well Status: Observation Wells
 Water Type:
 Casing Material:
 Audit No: Z214890
 Tag: A175528
 Construction Method:
 Elevation (m):
 Elevation Reliability:
 Depth to Bedrock:
 Well Depth:
 Overburden/Bedrock:
 Pump Rate:
 Static Water Level:
 Flowing (Y/N):
 Flow Rate:
 Clear/Cloudy:

Data Entry Status:
 Data Src:
 Date Received: 12/10/2015
 Selected Flag: Yes
 Abandonment Rec:
 Contractor: 7241
 Form Version: 7
 Owner:
 Street Name: 761 RIVER RD.
 County: OTTAWA
 Municipality: GLOUCESTER TOWNSHIP
 Site Info:
 Lot:
 Concession:
 Concession Name:
 Easting NAD83:
 Northing NAD83:
 Zone:
 UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID: 1005833195
 DP2BR:
 Spatial Status:
 Code OB:
 Code OB Desc:
 Open Hole:
 Cluster Kind:
 Date Completed: 11/17/2015
 Remarks:
 Elevrc Desc:
 Location Source Date:
 Improvement Location Source:
 Improvement Location Method:
 Source Revision Comment:
 Supplier Comment:

Elevation: 88.102363
 Elevrc:
 Zone: 18
 East83: 445187
 North83: 5013157
 Org CS: UTM83
 UTMRC: 4
 UTMRC Desc: margin of error : 30 m - 100 m
 Location Method: wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005877118		
Layer:			2		
Color:			6		
General Color:			BROWN		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			81		
Mat2 Desc:			SANDY		
Mat3:			85		
Mat3 Desc:			SOFT		
Formation Top Depth:			.61		
Formation End Depth:			3.1		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005877119		
Layer:			3		
Color:			6		
General Color:			BROWN		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			06		
Mat2 Desc:			SILT		
Mat3:			85		
Mat3 Desc:			SOFT		
Formation Top Depth:			3.1		
Formation End Depth:			4.57		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005877117		
Layer:			1		
Color:			8		
General Color:			BLACK		
Mat1:			11		
Most Common Material:			GRAVEL		
Mat2:			77		
Mat2 Desc:			LOOSE		
Mat3:					
Mat3 Desc:					
Formation Top Depth:			0		
Formation End Depth:			.61		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005877120		
Layer:			4		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			06		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		4.57			
Formation End Depth:		7.01			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005877129			
Layer:		2			
Plug From:		0.31			
Plug To:		3.35			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005877128			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005877130			
Layer:		3			
Plug From:		3.35			
Plug To:		7.01			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1005877127			
Method Construction Code:		D			
Method Construction:		Direct Push			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1005877116			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1005877123			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.96			
Casing Diameter:		5.2			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Screen

Screen ID: 1005877124
Layer: 1
Slot: 10
Screen Top Depth: 3.96
Screen End Depth: 7.01
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Water Details

Water ID: 1005877122
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005877121
Diameter: 15.24
Depth From: 0
Depth To: 7.01
Hole Depth UOM: m
Hole Diameter UOM: cm

117	1 of 1	SW/745.3	80.9 / 1.00	Nortel Networks Corporation Part of Lots 9 & 10, Conc. 1, Carling Lab. #10 Ottawa ON K2H 8E9	ECA
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Approval No: 7118-4T2UT4 Approval Date: 2001-01-18 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-AIR Project Type: AIR Address: Part of Lots 9 & 10, Conc. 1, Carling Lab. #10 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5686-4RJNJ4-14.pdf	MOE District: Ottawa City: Longitude: -75.70750000000001 Latitude: 45.2579 Geometry X: Geometry Y:
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118	1 of 1	NE/746.8	89.0 / 9.15	761 RIVER RD. OTTAWA ON	WWIS
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Well ID: 7253975 Construction Date: Primary Water Use: Monitoring and Test Hole Sec. Water Use: 0 Final Well Status: Observation Wells Water Type: Casing Material: Audit No: Z214889 Tag: A175529 Construction Method: Elevation (m): Elevation Reliability:	Data Entry Status: Data Src: Date Received: 12/10/2015 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 761 RIVER RD. County: OTTAWA Municipality: GLOUCESTER TOWNSHIP Site Info:
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1005833192	Elevation:	88.121719
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	445203
Code OB Desc:		North83:	5013154
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/17/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005877103
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	.61
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005877102
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	.61
Formation End Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005877104			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		3.1			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005877105			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation Top Depth:		4.57			
Formation End Depth:		7.01			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005877113			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005877115			
Layer:		3			
Plug From:		3.35			
Plug To:		7.01			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005877114			
Layer:		2			
Plug From:		0.31			
Plug To:		3.35			
Plug Depth UOM:		m			

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

Method Construction ID: 1005877112
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1005877101
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005877108
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 3.96
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005877109
Layer: 1
Slot: 10
Screen Top Depth: 3.96
Screen End Depth: 7.01
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Water Details

Water ID: 1005877107
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005877106
Diameter: 15.24
Depth From: 0
Depth To: 7.01
Hole Depth UOM: m
Hole Diameter UOM: cm

119	1 of 1	W/752.9	91.9 / 12.03	lot 11 con 2 ON	WWIS
Well ID:	1505938	Data Entry Status:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/26/1953
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1505938.pdf

Bore Hole Information

Bore Hole ID:	10027981	Elevation:	93.199584
DP2BR:	43	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444095.7
Code OB Desc:	Bedrock	North83:	5012562
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	4/4/1953	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931003363
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931003365
Layer:	3
Color:	3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		BLUE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		43			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931003364			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20			
Formation End Depth:		43			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961505938			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576551			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930048716			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		45			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930048717			
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:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Results of Well Yield Testing

Pump Test ID:	991505938
Pump Set At:	
Static Level:	15
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	15
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933459971
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

[120](#)

1 of 1

W/752.9

91.9 / 12.03

ON

BORE

Borehole ID:	612034	Inclin FLG:	No
OGF ID:	215513344	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	APR-1953	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.264333
Total Depth m:	22.9	Longitude DD:	-75.712592
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	444096
Drill Method:		Northing:	5012562
Orig Ground Elev m:	91.4	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	93.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389872	Mat Consistency:	
Top Depth:	6.1	Material Moisture:	
Bottom Depth:	13.1	Material Texture:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BLUE.				
Geology Stratum ID:	218389873			Mat Consistency:	
Top Depth:	13.1			Material Moisture:	
Bottom Depth:	22.9			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. BLUE. 00070.0 FEET.NE. GREY. 0006400122LIMESTONE. 0223BEDROCK. S **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218389871			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	6.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Boulders			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BOULDERS,CLAY.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 04542 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
121	1 of 1	W/754.1	90.9 / 10.97	3566 WOODROOFE lot 11 con 2 NEPEAN ON	WWIS
Well ID:	1534663			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Not Used			Date Received:	6/10/2004
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	3
Audit No:	Z04886			Owner:	
Tag:	A004736			Street Name:	3566 WOODROOFE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	011
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534663.pdf

Bore Hole Information

Bore Hole ID:	11104929	Elevation:	91.932167
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	o	East83:	444100
Code OB Desc:	Overburden	North83:	5012387
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	3/23/2004	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	932955305
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	1.8
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	932955306
Layer:	2
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	1.8

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		15.2			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933248769			
Layer:		1			
Plug From:		0			
Plug To:		10.7			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933248770			
Layer:		2			
Plug From:		10.7			
Plug To:		11.9			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961534663			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11109464			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930837469			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		.91			
Depth To:		12.5			
Casing Diameter:		30.5			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930837470			
Layer:		2			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		.61			
Depth To:		12.8			
Casing Diameter:		21.9			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Construction Record - Screen

Screen ID: 933407770
Layer: 1
Slot: 025
Screen Top Depth: 12.8
Screen End Depth: 15.2
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 21.9

Results of Well Yield Testing

Pump Test ID: 11117439
Pump Set At:
Static Level:
Final Level After Pumping: 12.8
Recommended Pump Depth:
Pumping Rate:
Flowing Rate:
Recommended Pump Rate:
Levels UOM: m
Rate UOM: LPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 43
Flowing:

Water Details

Water ID: 934046465
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 12.8
Water Found Depth UOM: m

Water Details

Water ID: 934046466
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 15.2
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11109463
Diameter: 38.1
Depth From: 0
Depth To: 15.2
Hole Depth UOM: m
Hole Diameter UOM: cm

122	1 of 1	SW/765.4	84.2 / 4.36	lot 9 con 2 ON	WWIS
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Well ID: 1504657 Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/21/1957
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3002
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	009
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1504657.pdf

Bore Hole Information

Bore Hole ID:	10026700	Elevation:	89.163703
DP2BR:	45	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	444405.7
Code OB Desc:	Bedrock	North83:	5011872
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/17/1957	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931000078
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931000079
Layer:	2
Color:	2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		45			
Formation End Depth:		85			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961504657			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10575270			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930046135			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930046134			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991504657			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		35			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	933457956				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	80				
Water Found Depth UOM:	ft				

123	1 of 1	ENE/769.2	87.9 / 8.00	Earl Armstrong Drive Ottawa ON	EHS
Order No:	20080414040			Nearest Intersection:	Earl Armstrong Drive and River Road
Status:	C			Municipality:	Ottawa
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	4/23/2008			Search Radius (km):	0.25
Date Received:	4/14/2008			X:	-75.695797
Previous Site Name:				Y:	45.268496
Lot/Building Size:	Unknown				
Additional Info Ordered:					

Unplottable Summary

Total: **99** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF OTTAWA-CARLETON	WOODROFFE AVE. S.W.M. FACILITY	NEPEAN CITY ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Claridge Homes (Carson) Inc.		Ottawa ON	
CA	City of Ottawa	Woodroffe Avenue	Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Rideau Carleton Raceway Holdings Limited	Earl Armstrong Road, High Road, and Canyon Walk Drive	Ottawa ON	
CA	Claridge Homes (Carson) Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Claridge Homes (Trim Rd) Inc.	Part 1, RP 4R-22747	Ottawa ON	
CA	Claridge Homes (Cooper St) Inc.		Ottawa ON	
CA	Claridge Homes (Strandherd) Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	

CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Riverside South Development Corp.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Taggart Investments Inc.	Part of Lot 23, Concession 1, formerly Geographic Township of Cumberland	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	City of Ottawa	Strandherd Drive	Ottawa ON
CA	Riverside South Development Corp.	Geographic Township of Gloucester	Ottawa ON
CA	Claridge Homes (Trim Rd) Inc.	Part 1, RP 4R-22747	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Claridge Homes (Church St.) Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Cornwall Gravel Company Limited		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON

CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.	Part of Lots 12, 13 and 14 Concession 1, Rideau Front	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Cornwall Gravel Company Limited		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	City of Ottawa	Strandherd Drive	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Cornwall Gravel Company Limited		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	CLARIDGE HOMES (CARSON) INC.	LOTS 23,24&25,C.1/OTTAWA FRONT	OTTAWA CITY ON
CA	CLARIDGE HOMES (CARSON) INC.	LOTS 23,24&25,C.1/OTTAWA FRONT	OTTAWA CITY ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Claridge Homes (River Road) Inc.	Part 1, Ward 22, Former Geographic Township of Gloucester	Ottawa ON
CA	DCR/PHOENIX DEVELOPMENMT CORP.	STRANDHERD DRIVE	NEPEAN CITY ON

DTNK	Bell Canada	Strandherd Dr, Nepean (Jockvale) ON	NEPEAN ON	
EBR	Riverside South Development Corporation (RSDC)		ON	
EBR	Claridge Homes (River Road) Inc.	Ottawa Lot:21 CITY OF OTTAWA	ON	
ECA	City of Ottawa	Earl Armstrong Rd River Road to Limebank Road	Ottawa ON	K1P 1J1
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	Claridge Homes (Clarion Hills) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (Rockcliffe Mews) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (River Road) Inc.	Part 1, Ward 22, Former Geographic Township of Gloucester	Ottawa ON	K2P 0Y6
ECA	City of Ottawa	Earl Armstrong Rd (Earl Armstrong Road to River Road)	Ottawa ON	K1P 1J1
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	Claridge Homes (Cedarview) Inc.		Ottawa ON	K2P 0Y6
ECA	Riverside South Development Corp.		Ottawa ON	K1G 2H5
ECA	Claridge Homes (River Road) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (Clarion Hills) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (Rockcliffe Mews) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (River Road) Inc.		Ottawa ON	K2P 0Y6
ECA	Claridge Homes (Carson) Inc.		Ottawa ON	K2P 0Y6
EHS		Woodroffe Ave (West Hunt Club Rd to CN Rail Line)	Ottawa ON	
GEN	RIVERSIDE SOUTH DEVELOPMENT CORP.	COOKS MILLS CRESCENT	OTTAWA ON	K1V 2N1
GEN	RIVERSIDE SOUTH DEVELOPMENT CORP.	COOKS MILLS CRESCENT	OTTAWA ON	K1V 2N1
GEN	RIVERSIDE SOUTH DEVELOPMENT CORP.	COOKS MILLS CRESCENT	OTTAWA ON	K1V 2N1

GEN	GVT. OF CAN. - ENVIRONMENT CANADA	RIVER RD. ENVIRONMENTAL TECHNOLOGY CTR. C/O 140 PROMENADE DU PORTAGE, PHASE IV	OTTAWA ON	K1A 0M3
LIMO		Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa	ON	
NPCB	ENVIRONMENT CANADA	RIVER ROAD LABS 3439 RIVER ROAD	OTTAWA ON	K1A 0H3
PTTW	Claridge Homes (Leitrim) Inc.		ON	
PTTW	Claridge Homes (Bruyere) Inc.		ON	
RSC	CLARIDGE HOMES (CARSON) INC.	No Municipal Address	Ottawa ON	
RSC		Part Lot 23	Ottawa ON	
SPL		Woodroffe Avenue and West Hunt Club<UNOFFICIAL>	Ottawa ON	
SPL	FINES FLOUR	RIVER RD. GLOUCESTER GLOUCESTER PLANT RIVER ROAD	GLOUCESTER CITY ON	
SPL	KENT FUELS	RR #2 LODGE RD TANK TRUCK (CARGO)	NEPEAN CITY ON	
SPL	Nortel Networks<UNOFFICIAL>	Nortel Networks<UNOFFICIAL>	Ottawa ON	
SPL	Geo. W. Drummond Excavating Inc<UNOFFICIAL>	Strandherd Dr and Temporary	Ottawa ON	
SPL	MacEwen Petroleum Inc.		Ottawa ON	
WWIS		lot 23	ON	

Unplottable Report

Site: R.M. OF OTTAWA-CARLETON
WOODROFFE AVE. S.W.M. FACILITY NEPEAN CITY ON

Database:
CA

Certificate #: 3-0514-93-
Application Year: 93
Issue Date: 6/15/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 8733-8J9RH6
Application Year: 2011
Issue Date: 7/28/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Riverside South Development Corp.
Ottawa ON

Database:
CA

Certificate #: 8169-8G5KMV
Application Year: 2011
Issue Date: 5/5/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Riverside South Development Corp.
Ottawa ON

Database:
CA

Certificate #: 7653-8EJM3S
Application Year: 2011

Issue Date: 3/7/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.*
Geographic Township of Gloucester Ottawa ON

Database:
CA

Certificate #: 9979-7PCKHF
Application Year: 2009
Issue Date: 3/18/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Claridge Homes (Carson) Inc.*
Ottawa ON

Database:
CA

Certificate #: 9611-7PUSMB
Application Year: 2009
Issue Date: 3/9/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *City of Ottawa*
Woodroffe Avenue Ottawa ON

Database:
CA

Certificate #: 9466-74ZR66
Application Year: 2007
Issue Date: 8/13/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 9152-65XHVP
Application Year: 2004
Issue Date: 10/21/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Rideau Carleton Raceway Holdings Limited
Earl Armstrong Road, High Road, and Canyon Walk Drive Ottawa ON

Database:
CA

Certificate #: 8720-6H XK59
Application Year: 2005
Issue Date: 11/10/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Claridge Homes (Carson) Inc.
Ottawa ON

Database:
CA

Certificate #: 8697-6Z5TCD
Application Year: 2007
Issue Date: 4/17/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 8418-76APWL
Application Year: 2007
Issue Date: 8/22/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 8133-65GMW9
Application Year: 2004
Issue Date: 10/6/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.*
Geographic Township of Gloucester Ottawa ON

Database:
CA

Certificate #: 8040-7NVLD3
Application Year: 2009
Issue Date: 2/11/2009
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 7996-5Q7RGN
Application Year: 2003
Issue Date: 8/12/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Claridge Homes (Trim Rd) Inc.*
Part 1, RP 4R-22747 Ottawa ON

Database:
CA

Certificate #: 7972-7ZQPXH
Application Year: 2010
Issue Date: 1/18/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:

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

Site: Claridge Homes (Cooper St) Inc.
Ottawa ON

Database:
CA

Certificate #: 7666-5SKKLX
Application Year: 2003
Issue Date: 10/23/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Claridge Homes (Strandherd) Inc.
Ottawa ON

Database:
CA

Certificate #: 7488-6U9S5E
Application Year: 2006
Issue Date: 10/6/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7355-6M4TMP
Application Year: 2006
Issue Date: 2/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 7163-5SYQ3M

Application Year: 2003
Issue Date: 11/14/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 7043-6P2REB
Application Year: 2006
Issue Date: 4/20/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.*
Ottawa ON

Database:
CA

Certificate #: 7037-6MXLUE
Application Year: 2006
Issue Date: 3/18/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 6733-5NSKZ9
Application Year: 2003
Issue Date: 6/23/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 6380-6JGQ7B
Application Year: 2005
Issue Date: 12/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 6002-7DAKG9
Application Year: 2008
Issue Date: 4/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 5963-766KNS
Application Year: 2007
Issue Date: 8/21/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Taggart Investments Inc.
Part of Lot 23, Concession 1, formerly Geographic Township of Cumberland Ottawa ON

Database:
CA

Certificate #: 5894-6G6MVY
Application Year: 2005
Issue Date: 9/26/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 5840-6NRNJD
Application Year: 2006
Issue Date: 5/4/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *City of Ottawa*
Strandherd Drive Ottawa ON

Database:
CA

Certificate #: 5791-77LJ85
Application Year: 2007
Issue Date: 10/2/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Riverside South Development Corp.*
Geographic Township of Gloucester Ottawa ON

Database:
CA

Certificate #: 5641-7FHJMY
Application Year: 2008
Issue Date: 6/11/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Claridge Homes (Trim Rd) Inc.*
Part 1, RP 4R-22747 Ottawa ON

Database:
CA

Certificate #: 5372-835QP7
Application Year: 2010
Issue Date: 4/15/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved

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

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 7788-6XDSAP
Application Year: 2007
Issue Date: 1/19/2007
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Claridge Homes (Church St.) Inc.*
Ottawa ON

Database:
CA

Certificate #: 7739-5NWLL5
Application Year: 2003
Issue Date: 6/27/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 7677-7DPNN3
Application Year: 2008
Issue Date: 5/1/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 5109-66JPRR
Application Year: 2004
Issue Date: 11/9/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Cornwall Gravel Company Limited*
Ottawa ON

Database:
CA

Certificate #: 4645-6SRL3J
Application Year: 2006
Issue Date: 10/26/2006
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 4208-6J7J5T
Application Year: 2005
Issue Date: 11/17/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 3934-5QBL78
Application Year: 2003
Issue Date: 9/18/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 3403-5MAJ6D
Application Year: 2003
Issue Date: 5/9/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 3360-7H3RCS
Application Year: 2008
Issue Date: 8/8/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 3324-5PXLMV
Application Year: 2003
Issue Date: 7/31/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 2814-68ZN2P
Application Year: 2005
Issue Date: 2/2/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:

Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 2803-6XKQB2
Application Year: 2007
Issue Date: 1/25/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Part of Lots 12, 13 and 14 Concession 1, Rideau Front Ottawa ON

Database:
CA

Certificate #: 2230-76ALR6
Application Year: 2007
Issue Date: 8/22/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 2206-5J5J5M
Application Year: 2003
Issue Date: 1/27/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Cornwall Gravel Company Limited*
Ottawa ON

Database:
CA

Certificate #: 2069-765HBE
Application Year: 2008
Issue Date: 10/24/2008
Approval Type: Industrial Sewage Works

Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1930-5HZMDY
Application Year: 2003
Issue Date: 1/21/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1814-73VJMC
Application Year: 2007
Issue Date: 6/7/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1688-5ZCP3J
Application Year: 2004
Issue Date: 5/28/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1530-6QQL2J
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1462-76TNSQ
Application Year: 2007
Issue Date: 9/11/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1305-5PNSMF
Application Year: 2003
Issue Date: 7/22/2003
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 1297-6SPJ46
Application Year: 2006
Issue Date: 8/17/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Strandherd Drive Ottawa ON

Database:
CA

Certificate #: 1254-73VKL4
Application Year: 2007
Issue Date: 6/17/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1168-67AKKL
Application Year: 2004
Issue Date: 12/7/2004
Approval Type: Municipal and Private Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 1002-6GQJNY
Application Year: 2005
Issue Date: 10/3/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Cornwall Gravel Company Limited
Ottawa ON

Database:
CA

Certificate #: 0913-6QASXW
Application Year: 2006
Issue Date: 10/26/2006
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 0681-67QTZP
Application Year: 2005
Issue Date: 1/11/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Minto Developments Inc.
Ottawa ON

Database:
CA

Certificate #: 0523-7EVPTJ
Application Year: 2008
Issue Date: 8/21/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CLARIDGE HOMES (CARSON) INC.
LOTS 23,24&25,C.1/OTTAWA FRONT OTTAWA CITY ON

Database:
CA

Certificate #: 7-0387-99-
Application Year: 99
Issue Date: 6/7/1999
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CLARIDGE HOMES (CARSON) INC.
LOTS 23,24&25,C.1/OTTAWA FRONT OTTAWA CITY ON

Database:
CA

Certificate #: 3-0568-99-
Application Year: 99
Issue Date: 6/7/1999

Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 2539-66USUQ
Application Year: 2004
Issue Date: 11/25/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Minto Developments Inc.*
Ottawa ON

Database:
CA

Certificate #: 2530-6JULSK
Application Year: 2005
Issue Date: 12/16/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Claridge Homes (River Road) Inc.*
Part 1, Ward 22, Former Geographic Township of Gloucester Ottawa ON

Database:
CA

Certificate #: 6127-8MQRRK
Application Year: 2011
Issue Date: 10/20/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *DCR/PHOENIX DEVELOPMENMT CORP.*

Database:
CA

STRANDHERD DRIVE NEPEAN CITY ON

Certificate #: 3-1122-90-
Application Year: 90
Issue Date: 6/26/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Bell Canada
Strandherd Dr, Nepean (Jockvale) ON NEPEAN ON

Database:
DTNK

Delisted Commercial Fuel Oil

Tanks

Licence No:		Facility Type:	
Registration No:	200204-1515	Letter Sent:	
Posse File No:		Corrosion Protection:	
Posse Reg No:		Fuel Type:	
Instance No:		Province:	
Status Name:		Nbr:	
Tank Type:		Instance Type:	
Tank Size:	5072 L	Original Source:	CFOT
Tank Material:	Fiberglass reinforced plastic	Record Date:	Up to Apr 2013
Tk Age (as of 05/1992):	9 yrs		
Tank Address:	Strandherd Dr, Nepean (Jockvale) ON		
Distributor:	Esso		
Contact Name:	c/o Alain Naud		
Contact Address:	3685 Aylmer - Bureau 200		
Contact Address2:			
Contact Suite:			
Contact City:	Montreal		
Contact Prov:	QC		
Contact Postal:	H2X 2C5		
Comments:			

Site: Riverside South Development Corporation (RSDC)
ON

Database:
EBR

EBR Registry No:	012-7921	Decision Posted:	
Ministry Ref No:	MNRF INST 49/16	Exception Posted:	
Notice Type:	Instrument Decision	Section:	
Notice Stage:	848864526	Act 1:	
Notice Date:	April 13, 2017	Act 2:	
Proposal Date:	June 14, 2016	Site Location Map:	
Year:	2016		
Instrument Type:	(ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species		
Off Instrument Name:			
Posted By:			
Company Name:	Riverside South Development Corporation (RSDC)		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	2193 Arch Street, Ottawa Ontario, Canada K1G 3H5		
Comment Period:			
URL:			

Site Location Details:

Site: *Claridge Homes (River Road) Inc.*
Ottawa Lot:21 CITY OF OTTAWA ON

Database:
EBR

EBR Registry No: 012-7970
Ministry Ref No: 2437-AA4KMK
Notice Type: Instrument Decision
Notice Stage: 848863995
Notice Date: August 23, 2016
Proposal Date: June 22, 2016
Year: 2016
Instrument Type: (EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)
Off Instrument Name:
Posted By:
Company Name: Claridge Homes (River Road) Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 210 Galdstone avenue , 2001, Ottawa Ontario, Canada K2P 0Y6
Comment Period:
URL:

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

Site Location Details:

Ottawa Lot:21 CITY OF OTTAWA

Site: *City of Ottawa*
Earl Armstrong Rd River Road to Limebank Road Ottawa ON K1P 1J1

Database:
ECA

Approval No: 9430-7V8P7B
Approval Date: 2009-09-09
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
Address: Earl Armstrong Rd River Road to Limebank Road
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3848-7SNPR4-14.pdf>

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

Site: *Minto Developments Inc.*
Ottawa ON K1R 7Y2

Database:
ECA

Approval No: 7163-5SYQ3M
Approval Date: 2003-11-14
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
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2997-5SKKCW-14.pdf>

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

Site: *Claridge Homes (Clarion Hills) Inc.*
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 4038-4Y4LCL
MOE District:

Approval Date: 2001-07-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address:
Full Address:
Full PDF Link:

City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **Claridge Homes (Rockcliffe Mews) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 4048-4VFRHS
Approval Date: 2001-04-03
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
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/4768-4VEQD2-14.pdf>

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

Site: **Claridge Homes (River Road) Inc.**
Part 1, Ward 22, Former Geographic Township of Gloucester Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 6127-8MQRRK
Approval Date: 2011-10-20
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
Address: Part 1, Ward 22, Former Geographic Township of Gloucester
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/0790-8MJEK8-14.pdf>

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

Site: **City of Ottawa**
Earl Armstrong Rd (Earl Armstrong Road to River Road) Ottawa ON K1P 1J1

Database:
ECA

Approval No: 5036-7SQR3Z
Approval Date: 2009-06-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Earl Armstrong Rd (Earl Armstrong Road to River Road)
Full Address:
Full PDF Link:

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

Site: **Minto Developments Inc.**
Ottawa ON K1R 7Y2

Database:
ECA

Approval No: 4490-5SYQAN
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA

MOE District:
City:
Longitude:
Latitude:

Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address:
Full Address:
Full PDF Link:

Geometry X:
Geometry Y:

Site: **Claridge Homes (Cedarview) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 9183-974NHU
Approval Date: 2013-04-30
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
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/8046-967RNG-14.pdf>

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

Site: **Riverside South Development Corp.**
Ottawa ON K1G 2H5

Database:
ECA

Approval No: 0166-ACPSEZ
Approval Date: 2016-08-23
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3244-A6CPHG-14.pdf>

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

Site: **Claridge Homes (River Road) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 6213-AC9MCQ
Approval Date: 2016-08-08
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
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/2437-AA4KMK-14.pdf>

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

Site: **Claridge Homes (Clarion Hills) Inc.**
Ottawa ON K2P 0Y6

Database:
ECA

Approval No: 1177-4Y4LGJ
Approval Date: 2001-07-05
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

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

Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/6213-4Y3PCG-14.pdf>

Site: **Claridge Homes (Rockcliffe Mews) Inc.** **Database:**
Ottawa ON K2P 0Y6 **ECA**

Approval No: 5073-4VFQUZ **MOE District:**
Approval Date: 2001-04-03 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-Municipal and Private Water Works
Project Type: Municipal and Private Water Works
Address:
Full Address:
Full PDF Link:

Site: **Claridge Homes (River Road) Inc.** **Database:**
Ottawa ON K2P 0Y6 **ECA**

Approval No: 2726-AACLFH **MOE District:**
Approval Date: 2016-06-02 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/3677-AA4KJR-14.pdf>

Site: **Claridge Homes (Carson) Inc.** **Database:**
Ottawa ON K2P 0Y6 **ECA**

Approval No: 8741-AU3KP5 **MOE District:**
Approval Date: 2017-12-20 **City:**
Status: Approved **Longitude:**
Record Type: ECA **Latitude:**
Link Source: IDS **Geometry X:**
SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: <https://www.accessenvironment.ene.gov.on.ca/instruments/1645-ATXMXA-14.pdf>

Site: **Woodroffe Ave (West Hunt Club Rd to CN Rail Line) Ottawa ON** **Database:**
EHS

Order No: 20040713004 **Nearest Intersection:**
Status: C **Municipality:**
Report Type: Custom Report **Client Prov/State:** ON
Report Date: 7/15/04 **Search Radius (km):** 0.25
Date Received: 7/12/04 **X:** -75.741446
Previous Site Name: **Y:** 1
Lot/Building Size:
Additional Info Ordered:

Site: RIVERSIDE SOUTH DEVELOPMENT CORP.
COOKS MILLS CRESCENT OTTAWA ON K1V 2N1

Database:
GEN

Generator No: ON6397788
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 251 L
Waste Class Desc: Waste oils/sludges (petroleum based)

Site: RIVERSIDE SOUTH DEVELOPMENT CORP.
COOKS MILLS CRESCENT OTTAWA ON K1V 2N1

Database:
GEN

Generator No: ON6397788
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 531310
SIC Description: REAL ESTATE PROPERTY MANAGERS

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

Detail(s)

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

Site: RIVERSIDE SOUTH DEVELOPMENT CORP.
COOKS MILLS CRESCENT OTTAWA ON K1V 2N1

Database:
GEN

Generator No: ON6397788
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 531310
SIC Description: REAL ESTATE PROPERTY MANAGERS

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

Detail(s)

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

Site: GVT. OF CAN. - ENVIRONMENT CANADA
RIVER RD. ENVIRONMENTAL TECHNOLOGY CTR. C/O 140 PROMENADE DU PORTAGE, PHASE IV OTTAWA ON
K1A 0M3

Database:
GEN

Generator No: ON0198101
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8173
SIC Description: ENVIRON. ADMIN.

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

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

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

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Site: Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa ON

Database:
 LIMO

ECA/Instrument No: X1007 Oper Status 2016: Historic C of A Issue Date: C of A Issued to: Lndfl Gas Mgmt (P): Lndfl Gas Mgmt (F): Lndfl Gas Mgmt (E): Lndfl Gas Mgmt Sys: Landfill Gas Mntr: Leachate Coll Sys: ERC Est Vol (m3): ERC Volume Unit: ERC Dt Last Det: Landfill Type: Source File Type: Historic and Closed Landfills Fill Rate: Fill Rate Unit: Tot Fill Area (ha): Tot Site Area (ha): Footprint: Tot Apprv Cap (m3): Contam Atten Zone: Grndwtr Mntr: Surf Wtr Mntr: Air Emis Monitor: Approved Waste Type: Client Site Name: ERC Methodology: Site Name: Site Location Details: Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa	Natural Attenuation: Liners: Cover Material: Leachate Off-Site: Leachate On Site: Req Coll Lndfl Gas: Lndfl Gas Coll: Total Waste Rec: TWR Methodology: TWR Unit: Tot Apprv Cap Unit: Financial Assurance: Last Report Year: MOE Region: MOE District: Site County: Lot: Concession: Latitude: Longitude: Easting: Northing: UTM Zone: Data Source:
---	--

Service Area:
Page URL:

Site: ENVIRONMENT CANADA
 RIVER ROAD LABS 3439 RIVER ROAD OTTAWA ON K1A 0H3

Database:
 NPCB

Company Code: O3229
Industry: ENVIRONMENT CANADA
Site Status: ITEMS SENT TO SWAN HILLS
Transaction Date: 10/9/1996
Inspection Date: 7/24/1996

Site: **Claridge Homes (Leitrim) Inc.**
ON

Database:
PTTW

EBR Registry No: 011-1598
Ministry Ref No: 2138-8AUM2F
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 02, 2014
Proposal Date: November 05, 2010
Year: 2010
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Claridge Homes (Leitrim) Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2001 210 Gladstone avenue, Ottawa Ontario, Canada K2P 0Y6
Comment Period:
URL:

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

Site Location Details:

Part of Lot 19 Address: Lot: part of 19, Concession: V, Ottawa, City District Office: Ottawa + + + + Part of Lots 17, 18 and 19 Concession V Address: Lot: Part of 17, 18, 19 & 20, Concession: V, Ottawa, City District Office: Ottawa + + + + Part of Lots 17 and 18, Concession V Address: Lot: Part of Lots 17 and 18, Concession: Concession V, Ottawa, City District Office: Ottawa CITY OF OTTAWA

Site: **Claridge Homes (Bruyere) Inc.**
ON

Database:
PTTW

EBR Registry No: 012-3353
Ministry Ref No: 0267-9SKPP8
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 03, 2016
Proposal Date: January 09, 2015
Year: 2015
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Claridge Homes (Bruyere) Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 210 Gladstone avenue, Suite 2001, Ottawa Ontario, Canada K2P 0Y6
Comment Period:
URL:

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

Site Location Details:

316-334 Bruyere Street and 317-321 St. Andrew Street Address: 316-334 Bruyere St 316-334 Bruyere Street and 317-321 St. Andrew Street, Ottawa, City District Office: Ottawa GeoReference: Zone: 18, UTM Easting: 446210, UTM Northing: 5031528, , Site #: 0245-9B7NVJ CITY OF OTTAWA

Site: **CLARIDGE HOMES (CARSON) INC.**
No Municipal Address Ottawa ON

Database:
RSC

RSC ID: 223098

Cert Date:

RA No:		Cert Prop Use No:	
RSC Type:	Phase 1 and 2 RSC	Intended Prop Use:	Residential
Curr Property Use:	Agricultural/Other	Qual Person Name:	ADRIAN MENYHART
Ministry District:	Ottawa District Office	Stratified (Y/N):	
Filing Date:	2017/03/24	Audit (Y/N):	
Date Ack:		Entire Leg Prop. (Y/N):	
Date Returned:		Accuracy Estimate:	
Restoration Type:		Telephone:	
Soil Type:		Fax:	
Criteria:		Email:	
CPU Issued Sect 1686:			
Asmt Roll No:	061460021514215		
Prop ID No (PIN):	04352-2077 (LT), 04352-2075 (LT), 04352-2076 (LT)		
Property Municipal Address:	No Municipal Address		
Mailing Address:			
Latitude & Longitude:			
UTM Coordinates:			
Consultant:			
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76631&fileName=BROWNFIELDS-E.pdf		

Document(s) Detail

Document Heading:	Supporting Documents
Document Name:	Table of Current and Past Uses.pdf
Document Type:	Table of Current and Past Property Use
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76636&fileName=Table+of+Current+and+Past+Uses.pdf
Document Heading:	Supporting Documents
Document Name:	APECTable.pdf
Document Type:	Area(s) of Potential Environmental Concern
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78676&fileName=APECTable.pdf
Document Heading:	Supporting Documents
Document Name:	LawyersLetter.pdf
Document Type:	Lawyer's letter consisting of a legal description of the property
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78675&fileName=LawyersLetter.pdf
Document Heading:	Supporting Documents
Document Name:	Plan of Survey - January 2017.pdf
Document Type:	A Current plan of Survey
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76633&fileName=Plan+of+Survey+-+January+2017.pdf
Document Heading:	Supporting Documents
Document Name:	certificatestatus.pdf
Document Type:	Certificate of Status
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76632&fileName=certificatestatus.pdf
Document Heading:	Supporting Documents
Document Name:	Phase II CSM Feb 2017.pdf
Document Type:	Phase 2 Conceptual Site Model
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76638&fileName=Phase+II+CSM+Feb+2017.pdf
Document Heading:	Supporting Documents
Document Name:	Transfer.pdf
Document Type:	Copy of any deed(s), transfer(s) or other document(s)
Document Link:	https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76638&fileName=Phase+II+CSM+Feb+2017.pdf

Site:
Part Lot 23 Ottawa ON

Database:
RSC

RSC ID:		Cert Date:	
RA No:		Cert Prop Use No:	
RSC Type:		Intended Prop Use:	
Curr Property Use:		Qual Person Name:	
Ministry District:	Ottawa	Stratified (Y/N):	N
Filing Date:	07/05/01	Audit (Y/N):	
Date Ack:	08/14/01	Entire Leg Prop. (Y/N):	
Date Returned:		Accuracy Estimate:	
Restoration Type:	Generic	Telephone:	
Soil Type:	Medium/Fine	Fax:	
Criteria:	Res/parkland + Nonpotable	Email:	
CPU Issued Sect 1686:			
Asmt Roll No:			
Prop ID No (PIN):			
Property Municipal Address:			
Mailing Address:			
Latitude & Longitude:			
UTM Coordinates:			
Consultant:	DST Consulting Engineers Inc.		
Legal Desc:			
Measurement Method:			
Applicable Standards:			
RSC PDF:			

Site:
Woodroffe Avenue and West Hunt Club<UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No:	8444-7ALFW9	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Other Transport Accident	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	1/6/2008	Site Map Datum:	
Dt Document Closed:	4/17/2008	SAC Action Class:	Land Spills
Incident Reason:		Source Type:	
Site Name:	Woodroffe Avenue and West Hunt Club<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Woodroffe Avenue: MVA: 40 gallons of diesel to ground		
Contaminant Qty:	180 L		

Site: FINES FLOUR
RIVER RD. GLOUCESTER GLOUCESTER PLANT RIVER ROAD GLOUCESTER CITY ON

Database:
SPL

Ref No:	176	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	2/9/1988	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	

Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	NOT ANTICIPATED	Site Municipality:	20105
Nature of Impact:	SOIL CONTAMINATION	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	2/9/1988	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	MATERIAL FAILURE	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OIL FROM ABOVE GROUND STORAGE TANK TO GROUND.		
Contaminant Qty:			

Site: KENT FUELS **Database:** SPL
 RR #2 LODGE RD TANK TRUCK (CARGO) NEPEAN CITY ON

Ref No:	28804	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	12/12/1989	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	PIPE/HOSE LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20104
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	12/12/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	GASKET/JOINT	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	KENT FUELS - 10-15L OF #2 FUEL OIL TO GROUND, CLEANED UP.		
Contaminant Qty:			

Site: Nortel Networks<UNOFFICIAL> **Database:** SPL
 Nortel Networks<UNOFFICIAL> Ottawa ON

Ref No:	4030-6GTJE2	Discharger Report:	0
Site No:		Material Group:	Gases/Particulate
Incident Dt:	9/28/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	HALON (CFC)	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Air	Site Conc:	

Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/3/2005
Dt Document Closed:

Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills at Federal Facilities & Spills of National Interest

Incident Reason:
Site Name: Nortel Networks<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Spill to Air
Contaminant Qty:

Source Type:

Site: Geo. W. Drummond Excavating Inc<UNOFFICIAL>
Strandherd Dr and Temporary Ottawa ON

Database:
SPL

Ref No: 6067-6EASVT
Site No:
Incident Dt: 7/14/2005
Year:
Incident Cause: Overturn - Truck Or Trailer
Incident Event:
Contaminant Code:
Contaminant Name: DIESEL FUEL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Receiving Medium: Land
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 7/14/2005
Dt Document Closed:
Incident Reason:
Site Name: Roadway<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: Ottawa: MVA 300 L diesel to road, cleaning
Contaminant Qty: unknown L

Discharger Report: 0
Material Group: Oil
Health/Env Conseq:
Client Type:
Sector Type: Other Motor Vehicle
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office: Ottawa
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Spills to Highways (usually highway accidents)
Source Type:

Site: MacEwen Petroleum Inc.
Ottawa ON

Database:
SPL

Ref No: 8700-8QT5DV
Site No:
Incident Dt: 23-JAN-12
Year:
Incident Cause: Overturn - Truck Or Trailer
Incident Event:
Contaminant Code: 13
Contaminant Name: FUEL (N.O.S.)
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: Confirmed
Nature of Impact: Soil Contamination
Receiving Medium: Sewage - Municipal/Private and Commercial
Receiving Env:
MOE Response: Priority Field Response (ERP Callout)
Dt MOE Arvl on Scn: 23-JAN-12
MOE Reported Dt: 23-JAN-12
Dt Document Closed:
Incident Reason: Unknown - Reason not determined
Site Name: Leitram and Hawthorne <UNOFFICIAL>
Site County/District:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type: Tank Truck
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: Primary Assessment of Incident
Source Type:

Site Geo Ref Meth:
Incident Summary:
Contaminant Qty:

MacEwen Fuels <54000L on board tanker in ditch, spill cont.

Site:
lot 23 ON

Database:
WWIS

Well ID: 1520631
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: NA
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/12/1986
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10042473
DP2BR: 19
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/5/1986
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931045364
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931045365
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 15
Formation End Depth: 19
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931045366
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19
Formation End Depth: 63
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961520631
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591043
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930074136
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930074135
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22

Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991520631
Pump Set At:
Static Level: 10
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934907164
Test Type:
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387380
Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112517
Test Type:
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648403
Test Type:
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933477931
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Water Details

Water ID: 933477930
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Jun 30, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Jun 30, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Sep 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Nov 30, 2020

Drill Hole Database:

Provincial [DRL](#)

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial [DTNK](#)

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial [EASR](#)

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

Government Publication Date: Oct 2011-Dec 31, 2020

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-Nov 30, 2020

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- Dec 31, 2020

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-Oct 31, 2020

Environmental Issues Inventory System:

Federal [EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Jul 31, 2020

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

[FSTH](#)

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

[GEN](#)

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

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

[MINE](#)

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial [MNR](#)

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal [NATE](#)

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial [NCPL](#)

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

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

Government Publication Date: 2008-Sep 30, 2020

National Energy Board Wells:

Federal [NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Nov 30, 2020

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-Dec 31, 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: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Nov 30, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2020

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-Jun 30, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

Government Publication Date: 1988-Nov 2019; Jul 2020 - Aug 2020

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2017

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-Aug 2019

Variations for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011-Dec 31, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial [WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial [WWIS](#)

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

Mark St. Pierre

From: Public Information Services <publicinformationservices@tssa.org>
Sent: November 21, 2020 2:46 PM
To: Mark St. Pierre
Subject: RE: Records Search request for 720 River Road, Ottawa Ontario.

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND (FUEL STORAGE TANKS ONLY)

Hello. Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at <https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid=392> and email the completed form to publicinformationservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

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

Kind regards,

Gaya

From: Mark St. Pierre <MStPierre@Patersongroup.ca>
Sent: November 20, 2020 3:57 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Records Search request for 720 River Road, Ottawa Ontario.

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses for properties located in the Ottawa, ON:

720 River Road
724 River Road
730 River Road
740 River Road
746 River Road
708 River Road

Regards,

Mark St Pierre, B.Eng.

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 243
Email: mstpierre@patersongroup.ca
Cell: (613) 229-9822

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Mark St. Pierre

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: January 22, 2021 11:00 AM
To: Mark St. Pierre
Subject: RE: Records Search request for 708 and 750 River Road, Ottawa Ontario.

Hello,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

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

Thanks,



Sherees Thompson | Public Information Agent

Facilities
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: sthompson@tssa.org
www.tssa.org



From: Mark St. Pierre <MStPierre@Patersongroup.ca>
Sent: January 20, 2021 12:50 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Records Search request for 708 and 750 River Road, Ottawa Ontario.

[CAUTION]: This email originated outside the organisation.
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses for properties located in the Ottawa, ON:

708 River Road
750 River Road
760 River Road
680 River Road

685 River Road
686 River Road
688 River Road
740 River Road
746 River Road

Regards,

Mark St Pierre, B.Eng.

patersongroup
solution oriented engineering
over 60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5
Tel: (613) 226-7381 Ext. 243
Email: mstpierre@patersongroup.ca
Cell: (613) 229-9822

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UTM 18 444040
5R 510112161710N
 Elev. 4R 021912
 Basin 215

316/56
176



ONTARIO

The Well Drillers Act
 Department of Mines, Province of Ontario

15 No 317
RECEIVED
 23 DEC 13 1951
 GEOLOGICAL BRANCH
 DEPARTMENT OF MINES

Water Well Record

R.F.

Township, Village, Town or City Shanawabtoo
 (own or City).....
Shanawabtoo
 Date Completed 20 June 50 Cost of Well (excluding pump).....
 (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 6"
 Length(s) of casing(s) 65'
 Type of screen.....
 Length of screen.....
 Distance from top of screen to ground level.....
 Is well a gravel-wall type?.....

Date.....
 Static level 20'
 Pumping level 30'
 Pumping rate est. 3.50 g.p.m.
 Duration of test 1 hr.
 Distance from cylinder or bowls to ground level.....

Water Record

Kind (fresh or mineral) fresh
 Quality (hard, soft, contains iron, sulphur, etc.) hard
 Appearance (clear, cloudy, coloured) clear
 For what purpose(s) is the water to be used? farm use
 How far is well from possible source of contamination?.....
 What is the source of contamination?.....
 Enclose a copy of any mineral analysis that has been made of water.....

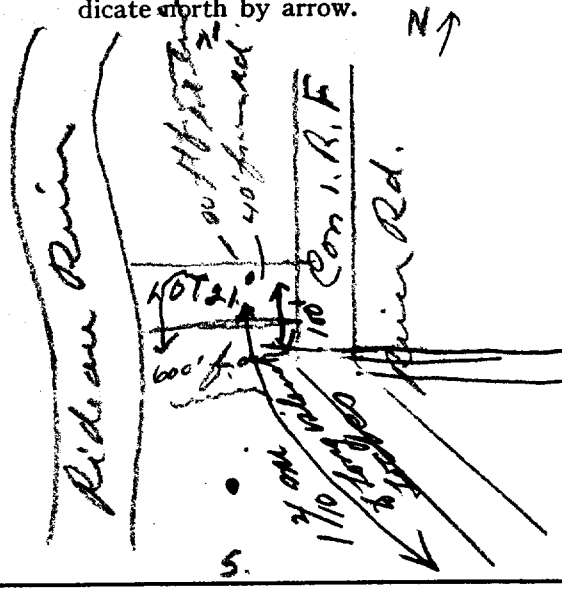
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
<u>67'</u>		

Well Log

Overburden and Bedrock Record	From	To
<u>Boulder Clay</u>	<u>0 ft.</u>	<u>30.</u>
<u>Grey Sand</u>	<u>30</u>	<u>50</u>
<u>Gravel</u>	<u>50</u>	<u>60</u>
<u>Hard dk grey limestone</u>	<u>60</u>	<u>72</u>

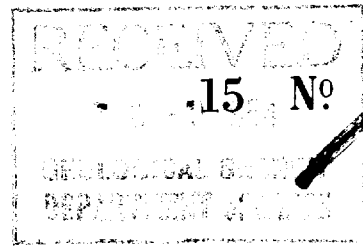
Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? hillside
 Drilling Firm M. M. Eagle
 Address Buttaria St.
 Name of Driller..... Address.....
 Date Nov 29/51 Licence Number.....
M. M. Eagle
 Signature of Licensee

UTM 18Z 444990E
5R 5012600N
 Eley. 7R 0292
 Basin 25



The Well Drillers Act
 Department of Mines, Province of Ontario

Water Well Record

ip, Village, Town or City: Gloucester
 Town or City):
 ss. Collings Bridge Gloucester Glen.
 Date Completed Sept 15/54 Cost of Well (excluding pump).....
 (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s)..... <u>4 inch</u>	Date..... <u>Sept 15</u>
Length(s) of casing(s)..... <u>70 feet</u>	Static level..... <u>15 feet</u>
Type of screen.....	Pumping level..... <u>47 feet</u>
Length of screen.....	Pumping rate..... <u>247 gal</u>
Distance from top of screen to ground level.....	Duration of test..... <u>1 hr</u>
Is well a gravel-wall type?.....	Distance from cylinder or bowls to ground level.....

Water Record

Kind (fresh or mineral)..... <u>fresh</u>	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.)..... <u>Very slight trace sulphur</u>	<u>47 ft</u>	<u>fresh</u>	<u>4 feet</u>
Appearance (clear, cloudy, coloured)..... <u>Clear</u>			
For what purpose(s) is the water to be used?..... <u>house hold use only</u>			
How far is well from possible source of contamination?..... <u>top of hill</u>			
What is the source of contamination?..... <u>none</u>			
Enclose a copy of any mineral analysis that has been made of water.....			

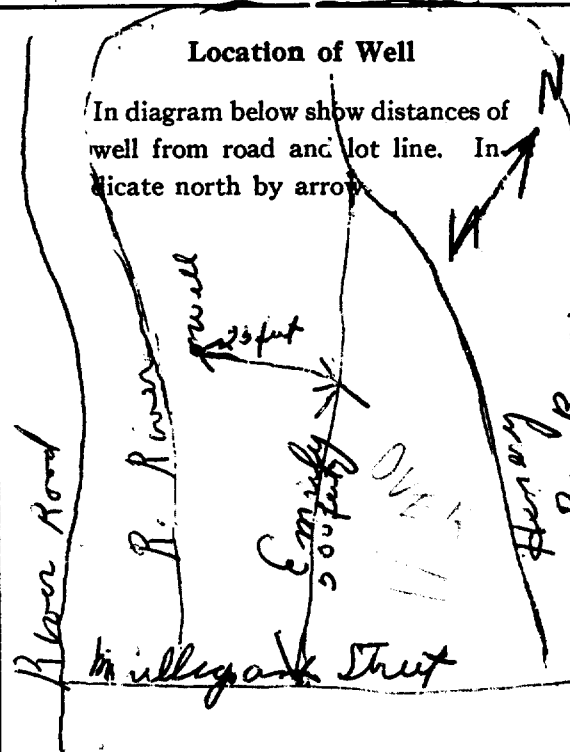
Well Log

Overburden and Bedrock Record

	From	To
	0 ft.ft.
<u>Red Clay</u>	<u>0</u>	<u>21</u>
<u>hard pan + boulders</u>	<u>21</u>	<u>68</u>
<u>quartz sand</u>	<u>68</u>	<u>76</u>
<u>Grey lime Stone Rock very hard</u>	<u>71</u>	<u>103</u>

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.

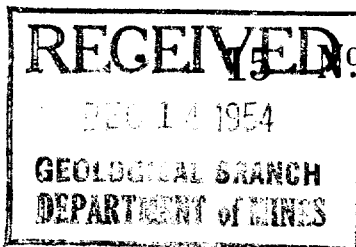


Situation: Is well on upland, in valley, or on hillside?..... hill
 Drilling Firm..... James Kettles
 Address..... Ramsayville
 Name of Driller..... Address.....
 Date..... Licence Number..... 537
James Kettles
 Signature of Licensee

319/56.



ONTARIO



323

UTM 118 444191810 E

5R 501125510 N

Elev. 4R 021912

Basin Broken front

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

Lot 21

County or Territorial District Carleton Place Township, Village, Town or City Stoueville

Village, Town or City

Address Manotick Sta.

Date completed (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 5"

Length(s) 76 ft.

Type of screen

Length of screen

Static level 40' ft.

Pumping rate 1300 G.P.H.

Pumping level 50'

Duration of test 2 hr.

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Blue Clay</u>	<u>1</u>	<u>57'</u>	<u>240'</u>	<u>210'</u>	<u>fresh</u>
<u>Sand</u>	<u>57'</u>	<u>70'</u>			
<u>Limestone</u>	<u>70'</u>	<u>200'</u>			
<u>Sandstone</u>	<u>200'</u>	<u>250'</u>			

For what purpose(s) is the water to be used?

Residential

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? in valley

Drilling firm M. McEaghe

Address 13 Rutanbia Sts.

Name of Driller M. McEaghe

Address

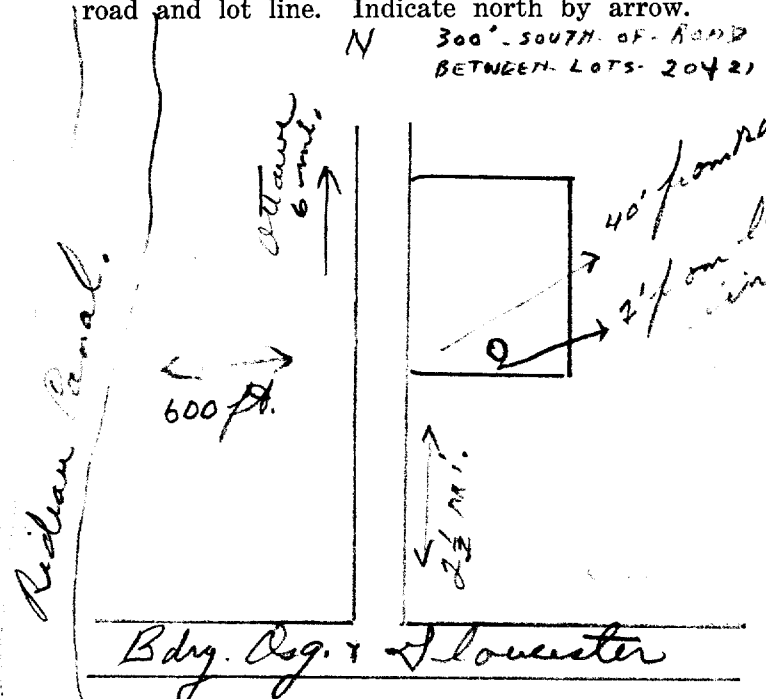
Licence Number 171

I certify that the foregoing statements of fact are true.

Date July 10 1954 M. McEaghe
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



316/56.



UTM 18 4 4 5 0 6 10 E

5 R 5 0 1 3 0 8 10 N

Elev. 4 R 0 2 9 0

Basin ~~25~~

The Water-well Drillers Act, 1954
Department of Mines

15 No. 318
RECEIVED
JUL 17 1965
GEOLOGICAL SURVEY
DEPARTMENT OF MINES

Water-Well Record

Broken front lot 20

County or Territorial District Carleton Township, Village, Town or City Gloucester

Village, Town or City

Address Billing Bridge

Date completed (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4 inch
Length(s) 77 feet
Type of screen
Length of screen

Static level 25 feet 25'
Pumping rate 162 GPH
Pumping level 26
Duration of test 1 hr

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Red Clay</u>	<u>0</u>	<u>66</u>	<u>78</u>		<u>fresh.</u>
<u>Gravel & Sand</u>	<u>66</u>	<u>70</u>			
<u>hard grey lime-stone</u>	<u>70</u>	<u>78</u>		<u>53</u>	

For what purpose(s) is the water to be used?

house hold use

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside?

uplands

Drilling firm James Kettles

Address Ramsayville

Name of Driller

Address

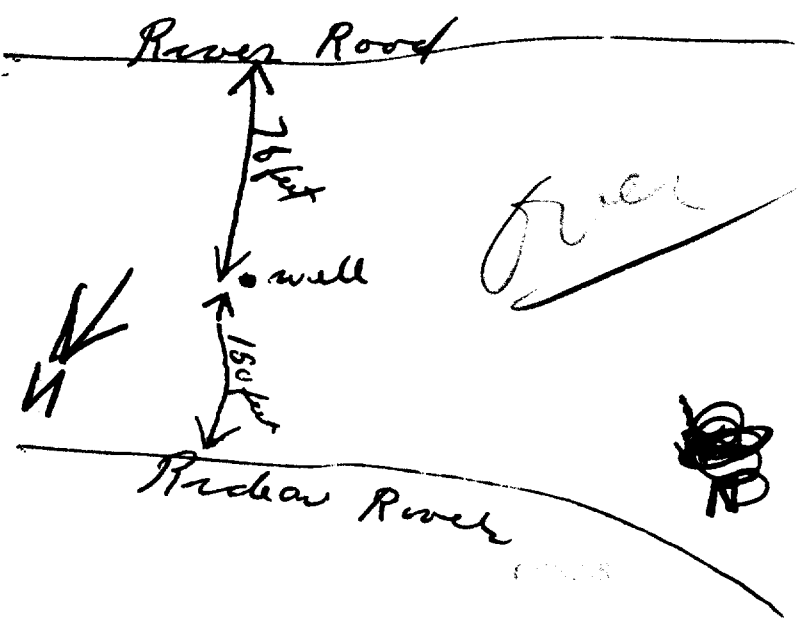
Licence Number 735

I certify that the foregoing statements of fact are true.

Date July 12 James Kettles
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



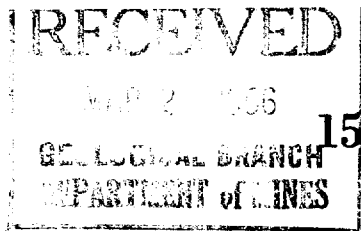
UTM 118z 444310E

R 9 5012540N

Elev. 9 0280

Basin 25

31GSb



No. 5930

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

NEPEAN

County or Territorial District Ontario Township, Village, Town or City Ottawa

Address Ottawa

Date completed (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) <u>4"</u>	Static level <u>2 1/2'</u>
Length(s) <u>22'</u>	Pumping rate <u>400 gals per hr.</u>
Type of screen	Pumping level <u>30 ft.</u>
Length of screen	Duration of test <u>2 hrs.</u>

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>clay</u>	<u>0</u>	<u>25</u>			
<u>sand/gravel</u>	<u>25</u>	<u>90</u>	<u>125</u>	<u>114</u>	<u>fresh</u>
	<u>90</u>	<u>140</u>	<u>135</u>		

For what purpose(s) is the water to be used?

house

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? upland

Drilling firm G. Stanton

Address Pakenham

Name of Driller G. Stanton

Address Pakenham

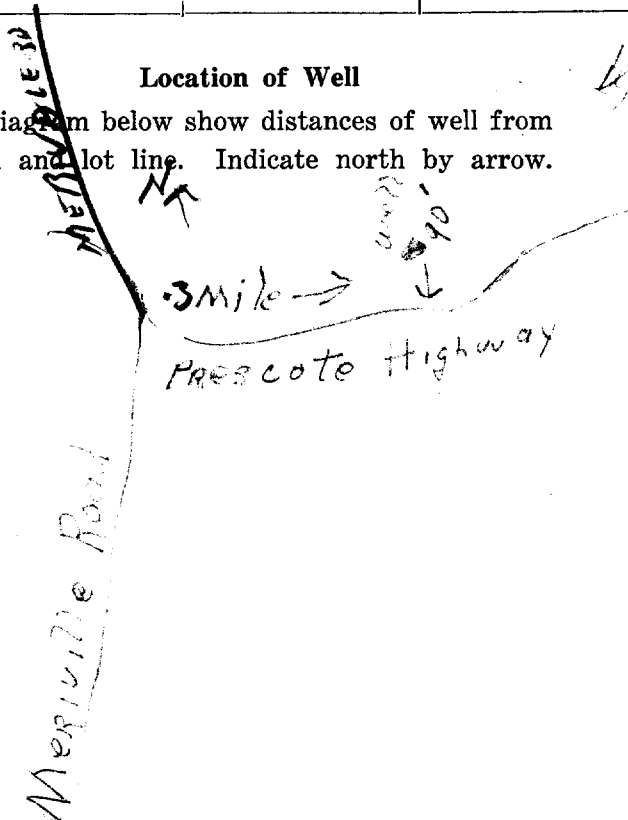
Licence Number 223

I certify that the foregoing statements of fact are true.

Date Dec 1/55 G. Stanton
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



316/56.

RECEIVED



JAN 22 1957

15 No

319

UTM 118Z 414191410E

5R 510112171310N

Elev. 2710 21912

Basin 215 210 1 1

GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Water-well Drillers Act, 1954

Department of Mines

Water-Well Record

County or Territorial District CARLTON Township, Village, Town or City GLoucester
in Village, Town or City).....
Address DILLINIS BRIDGE

(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s)	4"	Static level	30'
Length(s)	72'	Pumping rate	300 GPH
Type of screen		Pumping level	40'
Length of screen		Duration of test	2 HRS

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
BLUE CLAY	0	40			
HARD PAN	40	46			
BLUE CLAY	46	65			
GRAVEL	65	71			
SANDSTONE	71	80	71-80	50	FRESH

For what purpose(s) is the water to be used?
HOUSE

Is water clear or cloudy?.....CLEAR

Is well on upland, in valley, or on hillside?.....UPLAND

Drilling firm STEWART MULLIGAN

Address

Name of Driller PERCY BOW

Address

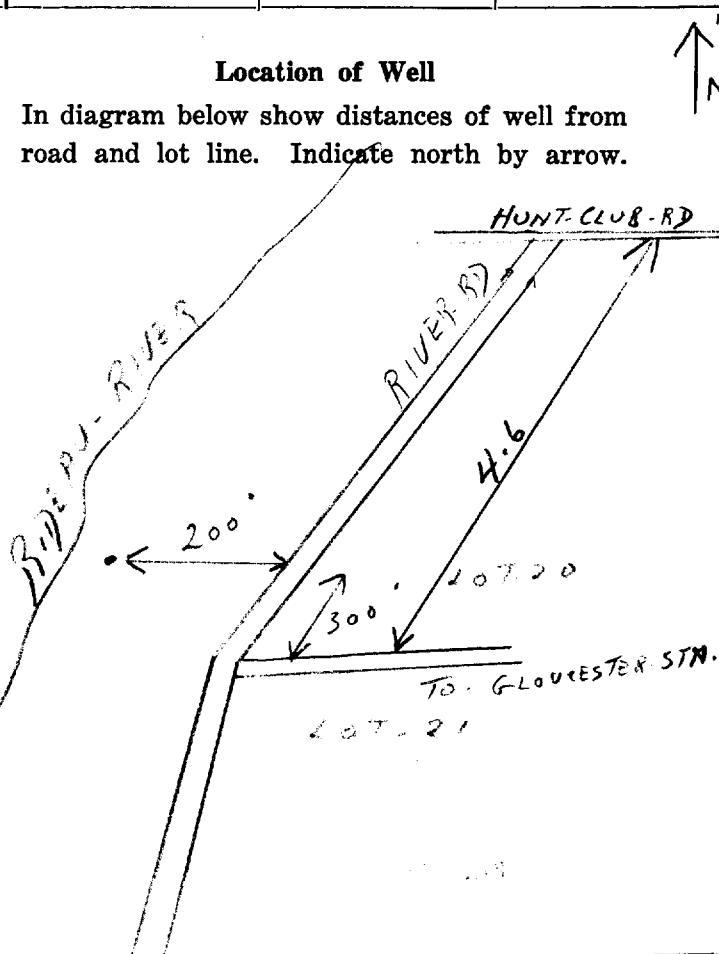
Licence Number.....

I certify that the foregoing statements of fact are true.

Date JAN 19 57 Percy Bow
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Stewart Mulligan

319/56.



Meagher 45 No 326

UTM 118Z 445040E

5R 50112140N

Elev. 4R 0291

Basin Broken Front Lot 22

The Water-well Drillers Act, 1954
Department of Mines

GROUND WATER BRANCH
AUG 14 1957
ONTARIO WATER RESOURCES COMMISSION

Water-Well Record

County or Territorial District Parleton Township, Village, Town or City Gloucester
Village, Town or City
Address Manolich
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) 46'
Type of screen NONE
Length of screen

Static level 11'
Pumping rate 300 G.P.H.
Pumping level 16'
Duration of test 1 hr.

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Clay</u>	<u>0'</u>	<u>46'</u>			
<u>limestone grey</u>	<u>46'</u>	<u>21'</u>	<u>51'</u>	<u>40'</u>	<u>fresh</u>

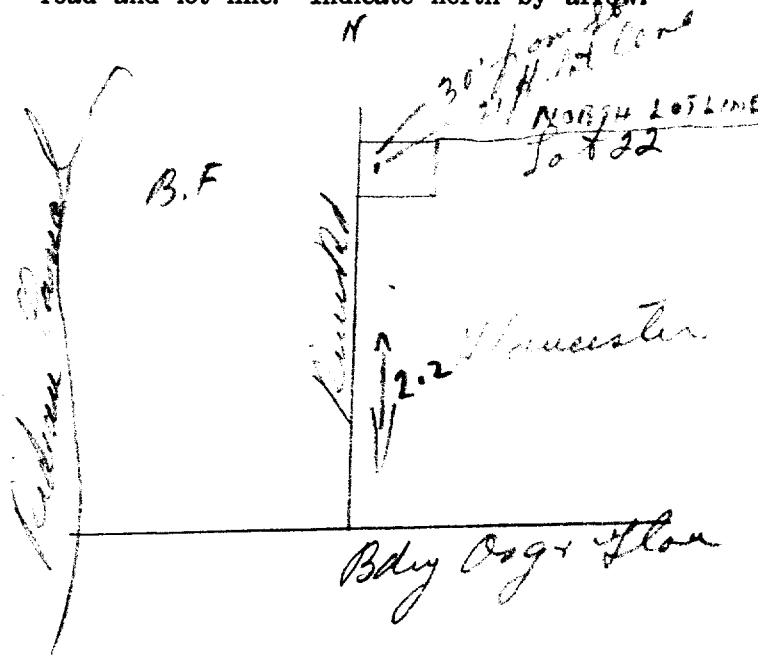
For what purpose(s) is the water to be used?
home
Is water clear or cloudy? clear
Is well on upland, in valley, or on hillside?
valley
Drilling firm M. Meagher
Address 639 Howardwood Ave
Name of Driller M. Meagher
Address
Licence Number 171

I certify that the foregoing statements of fact are true.

Date July 8 M. Meagher
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



31G/56.

UTM 118Z 445101510E

5R 51011211010N

Block 44R 62492

Basin 2750



ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

GROUND WATER BRANCH
15 No 327
AUG 14 1957
ONTARIO WATER RESOURCES COMMISSION

Water-Well Record

County or Territorial District RF Perleton Township, Village, Town or City Gloucester
Address Manotick
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) 46'
Type of screen NONE
Length of screen

Static level 11'
Pumping rate 300 G.P.M.
Pumping level 16'
Duration of test 1 hr.

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Clay</u>	<u>0</u>	<u>46'</u>			
<u>Sandstone GREY</u>	<u>46'</u>	<u>51'</u>	<u>51'</u>	<u>40'</u>	<u>fresh</u>

For what purpose(s) is the water to be used? Home

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? valley

Drilling firm M. M. Teacher

Address 639 Hawthornwood Ave

Name of Driller M. M. Teacher

Address

Licence Number 171

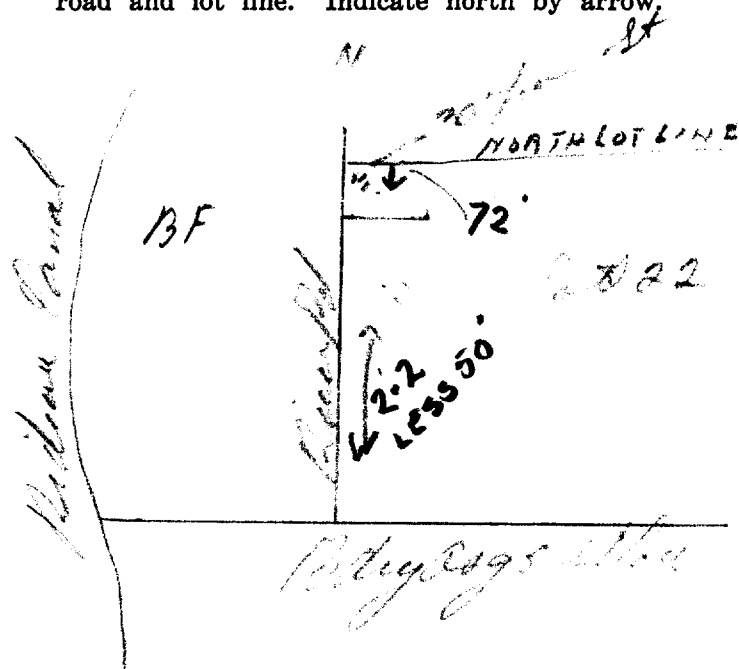
I certify that the foregoing statements of fact are true.

Date July 18 1955

Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



319/56.

UTM 1182 4450910 E

5101118310 N

Elev. 4R 0298

Basin Broken Front Lot 22



ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

FOUND WATER BR308
NOV 26 1957
ONTARIO WATER
RESOURCES COMMISSION

Water-Well Record

RF

Ship, Village, Town or City Manchester

in Village, Town or City

Address Manotick

Date completed Oct 17
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) 46'
Type of screen NONE
Length of screen

Static level 16'
Pumping rate 275 G.P.H.
Pumping level 20'
Duration of test 1 hr

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Clay</u>	<u>0</u>	<u>46'</u>			
<u>Limestone</u>	<u>46'</u>	<u>31'</u>	<u>31'</u>	<u>35'</u>	<u>fresh</u>

For what purpose(s) is the water to be used?

Home

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? valley

Drilling firm M. Meagher

Address 639 Hawwaswood Ave

Name of Driller M. Meagher

Address

Licence Number 171

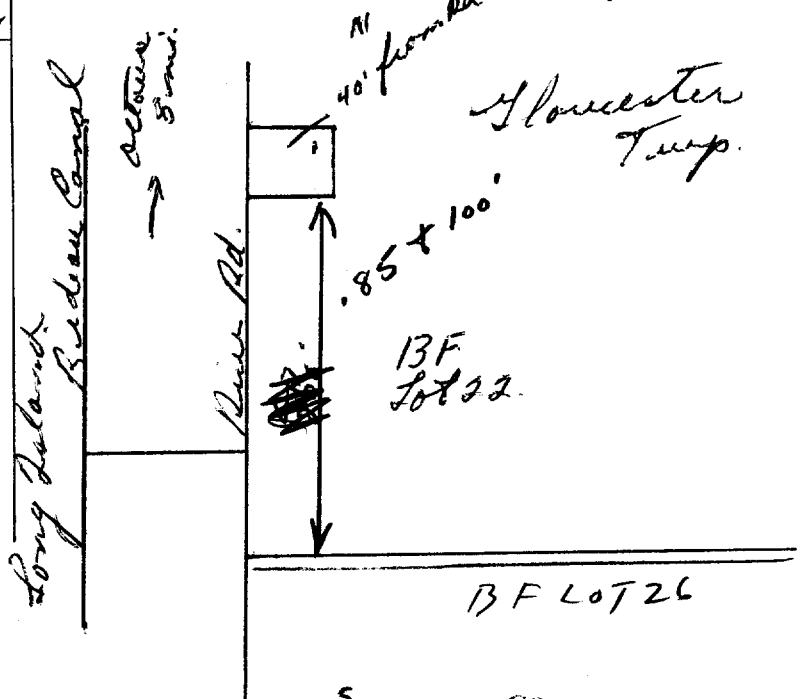
I certify that the foregoing statements of fact are true.

Date Oct 14 M. Meagher

Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



316/5b.

UTM ~~18~~ 2 | 4 | 4 | 5 | 0 | 9 | 0 | E
5 | R | 5 | 0 | 1 | 1 | 8 | 6 | 0 | N



GROUND WATER BRANCH
15 No 329
NOV 26 1957
ONTARIO WATER RESOURCES COMMISSION

Elev. 4 | R | 0 | 2 | 9 | 0 |
Basin 7 | 5 |
Broken Front
Lot 22

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

RF
Township, Village, Town or City *Gloucester*
Address *Manotick*
Date completed *Dec 18* (day) (month) (year)

Pipe and Casing Record	Pumping Test
Casing diameter(s) <i>4"</i>	Static level <i>16'</i>
Length(s) <i>46'</i>	Pumping rate <i>260 G.P.H.</i>
Type of screen <i>NONE</i>	Pumping level <i>18'</i>
Length of screen	Duration of test <i>1 hr.</i>

Well Log	Water Record				
Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<i>Clay</i>	<i>0</i>	<i>46</i>			
<i>Limestone</i>	<i>46</i>	<i>52</i>	<i>52</i>	<i>36</i>	<i>fresh</i>

For what purpose(s) is the water to be used?
Home

Is water clear or cloudy? *clear*

Is well on upland, in valley, or on hillside? *valley*

Drilling firm *M. Mcagher*

Address *639 Woodwood Ave Ottawa*

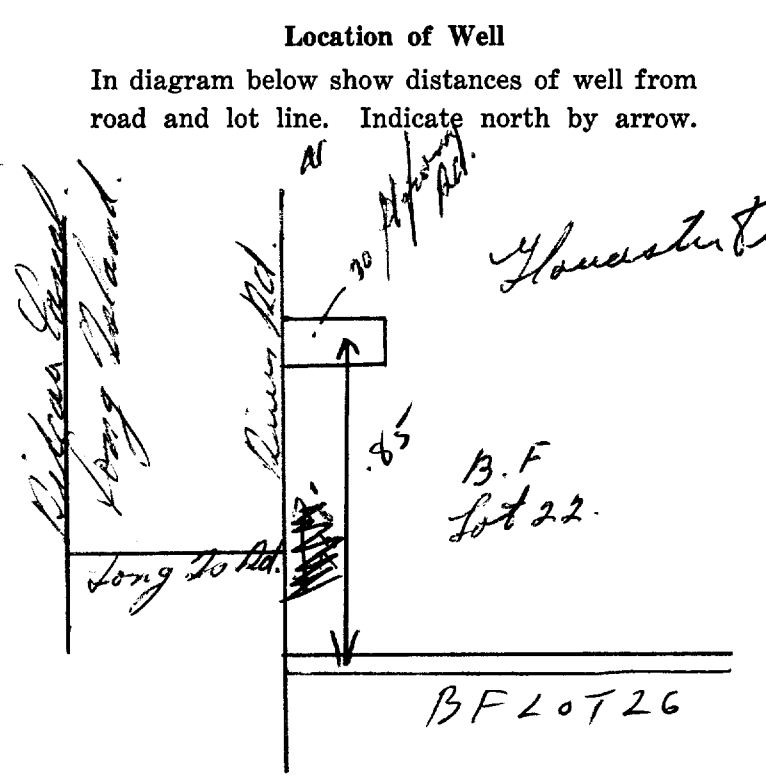
Name of Driller *M. Mcagher*

Address

Licence Number *1971*

I certify that the foregoing statements of fact are true.

Date *Dec 18* *M. Mcagher*
Signature of Licensee



316/56.

UTM 18 4450710 E

5 R 50119710 N



ONTARIO

GROUND WATER BRANCH
NOV 26 1957
ONTARIO WATER RESOURCES COMMISSION

Elev. 4 R 02194

Basin 215

Broken front
Lot 22

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

RF
Ship, Village, Town or City Howeater
Address Manotuk

Date completed Nov 14
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 4"
Length(s) 46'
Type of screen NONE
Length of screen

Static level 12'
Pumping rate 275 G.P.H.
Pumping level 16'
Duration of test

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Clay	0	46'			
Sandstone	46'	52'	52'	40'	fresh

For what purpose(s) is the water to be used?

Home

Is water clear or cloudy? clear

Is well on upland, in valley, or on hillside? valley

Drilling firm M. M. Meagher

Address 69 Woodwood Ave

Name of Driller M. M. Meagher

Address

Licence Number 191

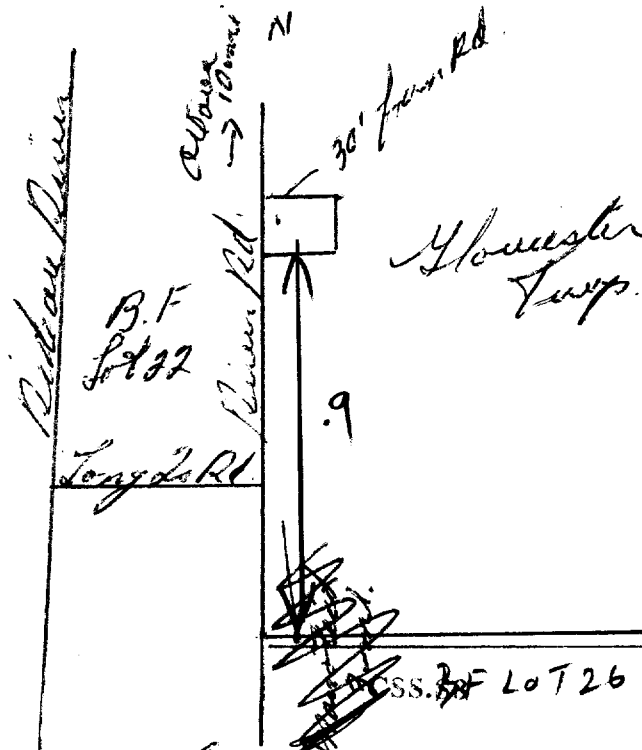
I certify that the foregoing statements of fact are true.

Date Nov 14 M. M. Meagher

Signature of Licensee

Location of Well

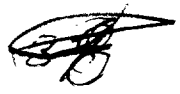
In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS. B.F. Lot 26

UTM 11B 44421910^E
5^R 510111710^N
 Elev 1059.10
 Basin 1252

31a/5b.



15
 381
 GROUND WATER BRANCH
 JAN 17 1958
 ONTARIO WATER
 RESOURCES COMMISSION

The Water-well Drillers Act, 1954
 Department of Mines

Water-Well Record

County or Territorial District RP Carleton Township, Village, Town or City Alouan
 Village, Town or City
 Address R.R. 1 Manotick
 (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) 9 1/2"
 Length(s) 64 ft
 Type of screen None
 Length of screen None

Static level 20 ft
 Pumping rate 300 A-R-H
 Pumping level 25 ft
 Duration of test 1 hr

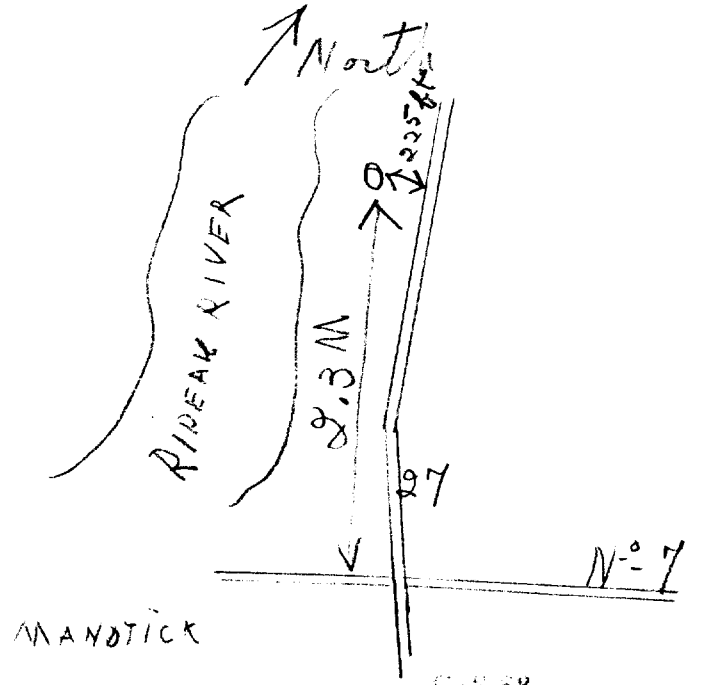
Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
Dug well	0	26	88	68	Fresh
Boulders & gravel	26	64			
sand stone	64	88			

For what purpose(s) is the water to be used? farm
 Is water clear or cloudy? clear
 Is well on upland, in valley, or on hillside? Hillside
 Drilling firm F.R. Lemette
 Address 1652 Baseline Rd
city view ont
 Name of Driller
 Address
 Licence Number 392

Location of Well
 In diagram below show distances of well from road and lot line. Indicate north by arrow.



I certify that the foregoing statements of fact are true.
 Date Jan 13/58 F.R. Lemette
 Signature of Licensee

UTM 118 2 414141010 E

5 7R 5101120310 N

Elev. 4 9R 6275

Basin 25F



ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

GROUND WATER BRANCH
15 No 4662
JUN 13 1958
ONTARIO WATER
RESOURCES COMMISSION

3125b

Water-Well Record

County or Territorial District *Carleton Place* Township, Village, Town or City *Nepean*
Address
Date completed *June 11 1958*
(day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter(s) *2"*
Length(s) *63*
Type of screen *none*
Length of screen *none*
Static level *8 ft*
Pumping rate *360 GPR*
Pumping level *20 ft*
Duration of test *3 hrs*

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<i>Clay</i>	<i>0</i>	<i>40</i>			
<i>Baldy gravel</i>	<i>40</i>	<i>61</i>			
<i>Sand Stone</i>	<i>61</i>	<i>190</i>	<i>198</i>	<i>180</i>	<i>fresh</i>

For what purpose(s) is the water to be used?
Household

Is water clear or cloudy? *Clear*

Is well on upland, in valley, or on hillside? *Hillside*

Drilling firm *J. B. Dufrenoy Ltd.*

Address *1014 Dufferin*

Name of Driller *W. Roy*

Address *49 Blvd St. Laurent*
Hull

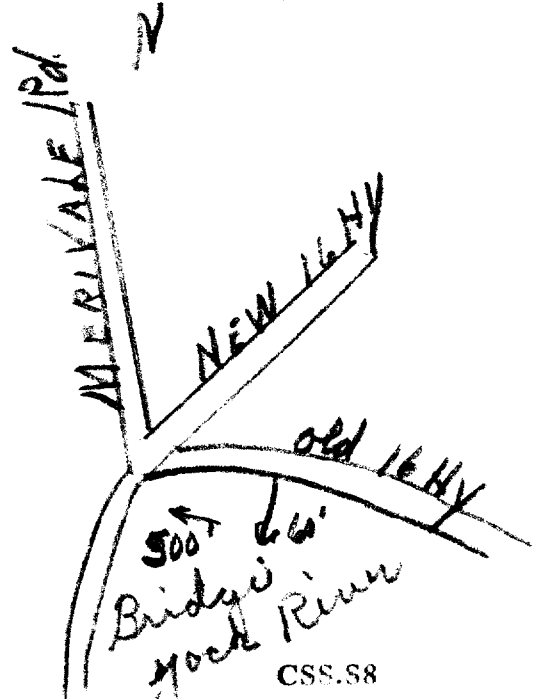
Licence Number.....

I certify that the foregoing statements of fact are true.

Date *June 11/58* *W. Roy*
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



CSS.S8

67
 118 2 4 4 4 4 0 0 0 0 E
 5 R 5 0 1 1 2 1 1 3 0 N
 Elev. 14 R 0 2 8 0
 Basin 2 5



3165b (5)

15 GROUND WATER 4663 BRANCH
 0016 1958
 ONTARIO WATER RESOURCES COMMISSION

The Water-well Drillers Act, 1954
Department of Mines

Water-Well Record

Ship, Village, Town or City.....
 n Village, Town or City).....
 Address

Date completed 31 2008 57
 (day) (month) (year)

Pipe and Casing Record

Pumping Test

Casing diameter (s) 10 5/8 - 2 1/8"
 Length (s) 127'
 Type of screen NONE
 Length of screen

Static level 8
 Pumping rate 85 U.S. GALS PER MINUTE (IGPM)
 Pumping level 145'
 Duration of test 60 HRS

Well Log

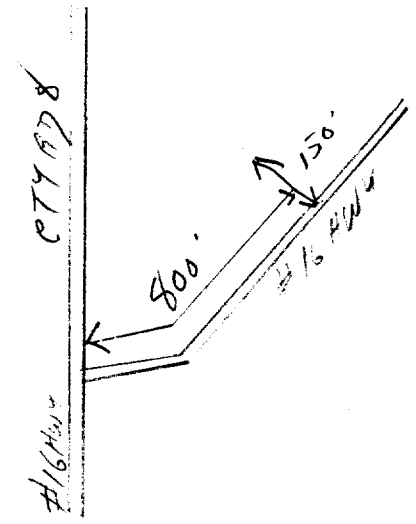
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
CLAY, 50 FT	0	2			
SANDY BEDROCK	2	3			
CLAY, 60 FT	3	47			
GRAVELLY CLAY	47	67			
CLAY & SAND	67	100			
SANDSTONE	104	196	140	110	FRESH
	196	295	196	183	
	295	298	295	287	

For what purpose(s) is the water to be used?
 HOME FOR THE PUMP
 Is water clear or cloudy? CLEAR
 Is well on upland, in valley, or on hillside? UPLAND
 Drilling firm B.L.O. DRILLERS & MINERS CO.
 Address OTTAWA
 Name of Driller M. SZTEPP
 Address OTTAWA
 Licence Number 590

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



I certify that the foregoing statements of fact are true
 Date 31/8/2008
 Signature of Licensee B. Phelan

319/56.



GROUND WATER BRANCH
MAR 15 1959
ONTARIO WATER RESOURCES COMMISSION

1673

ex

UTM 1182 4454710 E

5R 51011211010 N

Elev. 410 FEET FRONT

The Ontario Water Resources Commission Act, 1957

Basin 215 207 22

WATER WELL RECORD

County or District CARLETON Township, Village, Town or City GLEWESTER

Date completed 3 (day) MAR (month) 59 (year)

Address

Casing and Screen Record

Inside diameter of casing 4"
Total length of casing 18
Type of screen N.O.
Length of screen -
Depth to top of screen -
Diameter of finished hole 4"

Pumping Test

Static level 19
Test-pumping rate 4 G.P.M.
Pumping level 19
Duration of test pumping 1 HR
Water clear or cloudy at end of test CLEAR
Recommended pumping rate 1 1/2 G.P.M.
with pumping level of 19

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
<u>DUB WELL</u>	<u>0</u>	<u>11</u>			
<u>LIMESTONE</u>	<u>11</u>	<u>52</u>	<u>52</u>	<u>33</u>	<u>FRESH</u>

For what purpose(s) is the water to be used? HOUSE

Is well on upland, in valley, or on hillside?

Drilling Firm M. MEAGHER

Address 639 BOWMAN ROAD

OTTAWA

Licence Number

Name of Driller SACRE

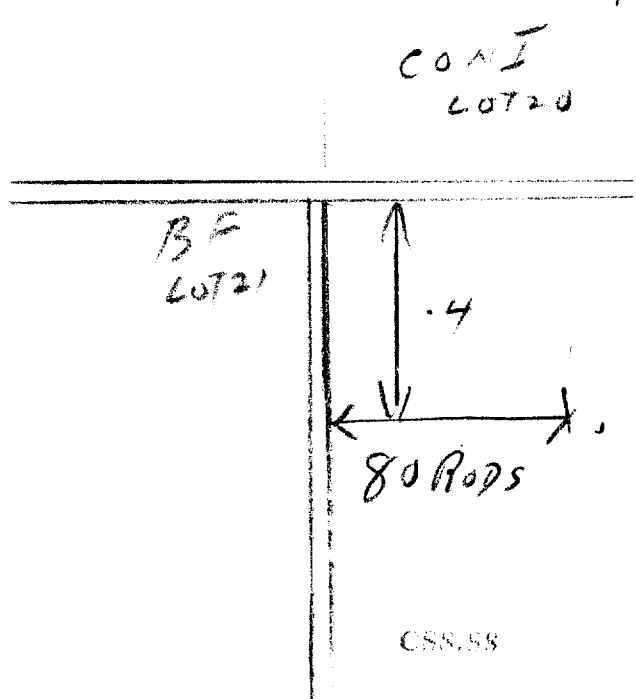
Address

Date MAR 2/59

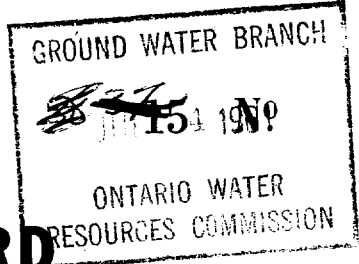
M. Meagher
(Signature of Licensed Drilling Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



31G/56.



332

UTM 118Z 444990

135R 51011191810N

The Ontario Water Resources Commission Act

Elev. 14R 32913

WATER WELL RECORD

Basin 215 County or District **Carleton** Township, Village, Town or City **Gloucester**
 Con. **BF** Lot **N 1/2 of 22** Date completed **6 June 1961**
 (day month year)
 Owner **(Kirk Builders) C. Nixon** Address **box 1126 RR#3 Ottawa, Cherry Lane**
 (print in block letters)

Casing and Screen Record

Inside diameter of casing **5" & 4"**
 Total length of casing **88' of 5" & 10' of 4"**
 Type of screen **nil**
 Length of screen **nil**
 Depth to top of screen **nil**
 Diameter of finished hole **4"**

Pumping Test

Static level **25'**
 Test-pumping rate **10** G.P.M.
 Pumping level **27'**
 Duration of test pumping **1 Hour**
 Water clear or cloudy at end of test **cloudy**
 Recommended pumping rate **10** G.P.M.
 with pump setting of **27'** feet below ground surface

Well Log

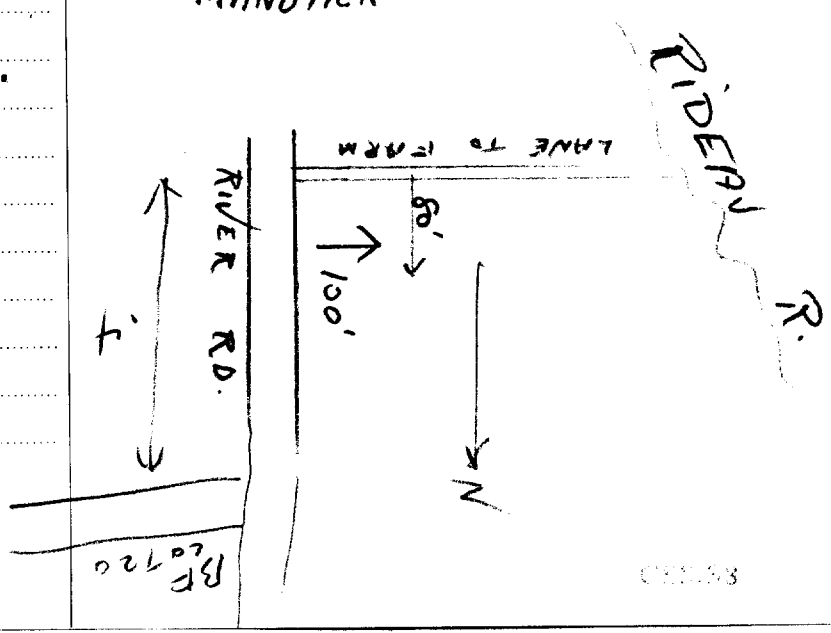
Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Clay & Boulders	0'	88'	120'	fresh
Grey Limestone	88'	120'		

For what purpose(s) is the water to be used? **New Home**
 Is well on upland, in valley, or on hillside? **Upland**
 Drilling or Boring Firm **BLAIR PHILLIPS DRILLING CO. LTD.**
 Address **Ottawa**
 Licence Number **226**
 Name of Driller or Borer **M. Sstapa**
 Address **Ottawa**
 Date **7 June 1961**
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



L.P. 80

314/5b.

APL



GROUND WATER BRANCH
NOV 14 1961
ONTARIO WATER RESOURCES COMMISSION

333
X

UTM 118Z 4141810E

5R 51011191010N

The Ontario Water Resources Commission Act

WATER WELL RECORD

Elev. 4R 0121815

Basin 215
County or District Carleton

Township, Village, Town or City Gloucester

Con. B.F. R.P. Lot 22

Date completed 17 Aug. 1961
(day month year)

Owner McRostie & Associates
(print in block letters)

Address Ottawa, Ontario.

Casing and Screen Record

Inside diameter of casing 6"

Total length of casing 30'

Type of screen None

Length of screen --

Depth to top of screen --

Diameter of finished hole 6"

Pumping Test

Static level 4'

Test-pumping rate 127 G.P.M.

Pumping level 35

Duration of test pumping 48 hrs.

Water clear or cloudy at end of test clear

Recommended pumping rate 120 G.P.M.

with pump setting of 35' feet below ground surface

Well Log

Hole No. 2	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Overburden and Bedrock Record				
Sand - Clay - Small boulders - GRAVEL + Sand	0	35		
	35	42	35 - 42	fresh

Water Record

For what purpose(s) is the water to be used? Test drilling for proposed sub - division

Is well on upland, in valley, or on hillside? Uplands

Drilling or Boring Firm J.B. Dufresne & Co. Ltd.

Address Ottawa, Ontario

Licence Number 194

Name of Driller or Borer W. Roy

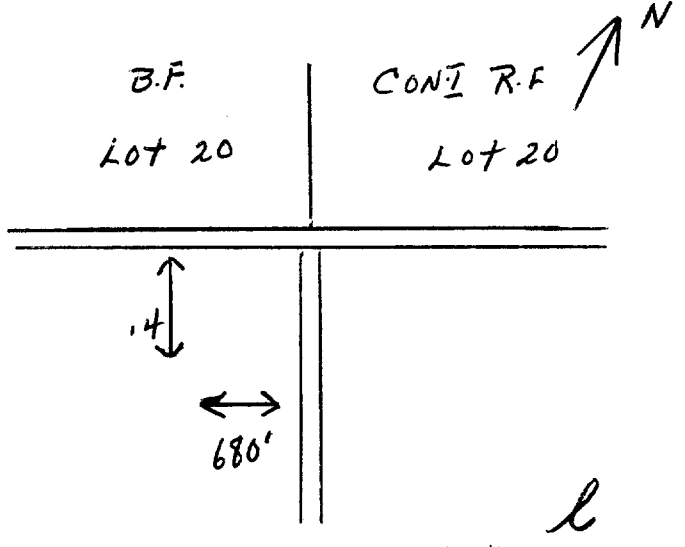
Address Hull, P.Q.

Date Nov. 4, 1961

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



1570695 *X*

319/56.



GROUND WATER BRANCH
NOV 14 1961
ONTARIO WATER RESOURCES COMMISSION

JTM 1 8 2 4 4 4 9 4 0 E

5 5 1 1 8 0 0

4 2 0 2 9 5

2 5

County or District Carleton Township, Village, Town or City Gloucester
Con. R.F. - R.P. Lot 22 Date completed 15 Aug. 61
(day month year)
Owner McRostie & Associates Address Ottawa, Ontario
(print in block letters)

Casing and Screen Record		Pumping Test	
Inside diameter of casing	6"	Static level	4'
Total length of casing	27'	Test-pumping rate	20 G.P.M.
Type of screen	None	Pumping level	40'
Length of screen	--	Duration of test pumping	2hrs.
Depth to top of screen	--	Water clear or cloudy at end of test	clear
Diameter of finished hole	6"	Recommended pumping rate	18 G.P.M.
		with pump setting of	40 feet below ground surface

Hole No. 1	Well Log	Water Record			
		From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Overburden and Bedrock Record					
	Top soil	0	2		
	Clay, Boulders, Gravel, Sand	2	27		
	Dolomite	27	42	28-42	fresh

For what purpose(s) is the water to be used? Test drilling for proposed sub-division.

Is well on upland, in valley, or on hillside? uplands

Drilling or Boring Firm J. B. Dufresne Co. Ltd.

Address Ottawa, Ont.

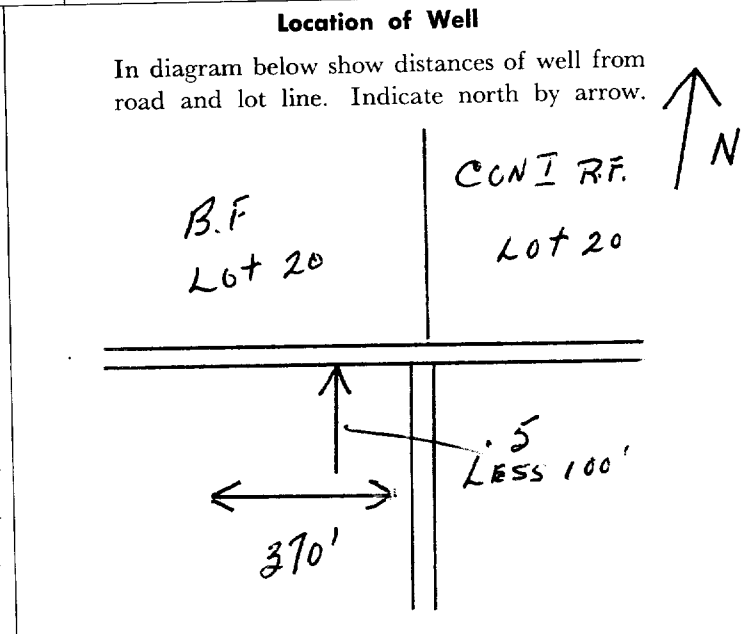
Licence Number 194

Name of Driller or Borer W. Roy

Address Hull, P.Q.

Date Nov. 4, 1961

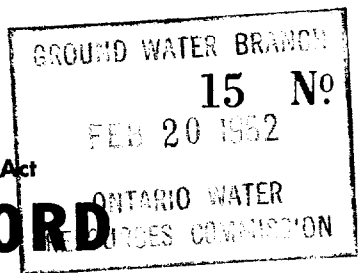
J.B. Dufresne
(Signature of Licensed Drilling or Boring Contractor)



316/56.



38



895

UTM 18 4450610 E

523 501116910 N

Elev. 4 R 02910

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 215
County or District Charleton
Con. BF-RE Lot 23

Township, Village, Town or City Gloucester

Date completed 1 12 1961
(day month year)

Address R.R. 1, Manotick Station, Ontario.

Casing and Screen Record

Inside diameter of casing 2"

Total length of casing 51'

Type of screen Nil

Length of screen Nil

Depth to top of screen Nil

Diameter of finished hole 2"

Pumping Test

Static level 23

Test-pumping rate 5 G.P.M.

Pumping level 35

Duration of test pumping 1 Hr.

Water clear or cloudy at end of test Clear

Recommended pumping rate 5 G.P.M.

with pump setting of 35 feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Blue Clay	0	21	82	Fresh
Sand, Boulders & Gravel	21	49		
Sand Stone	49	85		

For what purpose(s) is the water to be used? House

Is well on upland, in valley, or on hillside? Uplands

Drilling or Boring Firm J.B. Dufresne & Co. Ltd.

Address 1014 Maitland Ave. Ottawa, Ont.

Licence Number 194

Name of Driller or Borer F. Laramée

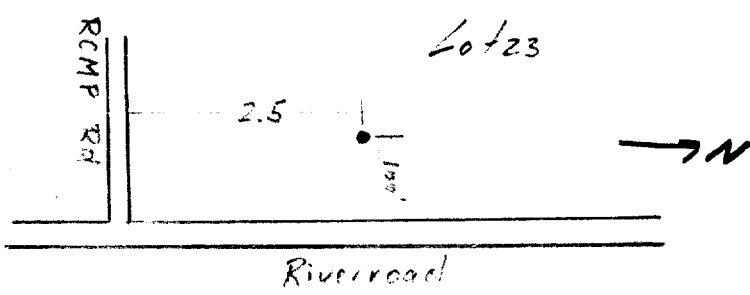
Address Hull, Que.

Date December 1, 1961

J.B. Dufresne
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



312/56.



GROUND WATER BRANCH 390
15 No. ~~APL~~
DEC 3 1963
ONTARIO WATER RESOURCES COMMISSION

UTM 1182 444510110 E
Br 5 R 51011219110 N
Elev 4 R 20 21910

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 215 | County or District Carleton Place | Township, Village, Town or City St. Lawrence
Con. B.F.-R.F. (Part of) Lot 20 | Date completed 12 Aug 63
Owner Ridgeway View School | Address Manotick Ont
(print in block letters)

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 67'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 5"

Pumping Test

Static level 36
Test-pumping rate 15 G.P.M.
Pumping level 36
Duration of test pumping 1 hr
Water clear or cloudy at end of test cloudy
Recommended pumping rate 10 G.P.M.
with pump setting of 80' feet below ground surface

Well Log

Overburden and Bedrock Record

clay
sand with boulders
gravel
hardpan & boulders
sandstone

From ft.

To ft.

Depth(s) at which water(s) found

Kind of water (fresh, salty, sulphur)

0 20
20 40
40 46
46 62
62 102

80
95
101
fresh
"
"

For what purpose(s) is the water to be used?

school

Is well on upland, in valley, or on hillside?

upland

Drilling or Boring Firm

Capital Water Supply

Address

1243 Heron Rd Ottawa

Licence Number

976

Name of Driller or Borer

S Huff

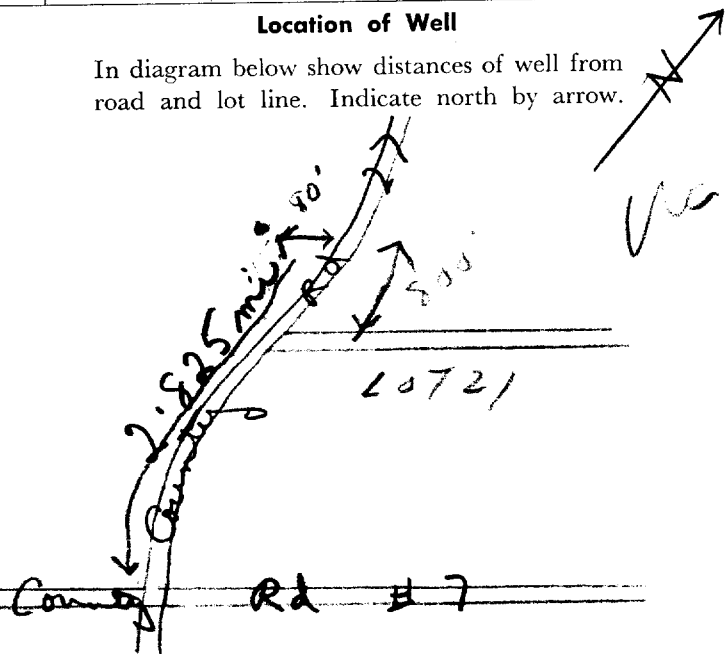
Address

Date 14 Aug 63

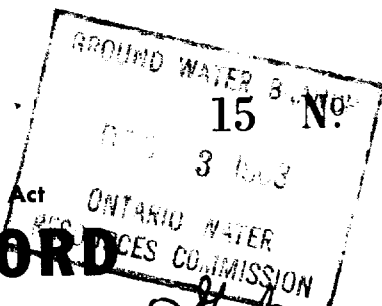
Halter Stavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



316/56



~~874~~

UTM 118 44481010 E

5R 51011241910 N

The Ontario Water Resources Commission Act

WATER WELL RECORD

Broken front
Elev. 48 102715

Basin 215
County or District ~~Carl~~
Con BF-BE Lot 21

Township, Village, Town or City St. Lawrence

Date completed 23 Aug 63
(day month year)

Address Manotick Ont

Casing and Screen Record

Inside diameter of casing 6 7/8"
Total length of casing 65'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 6"

Pumping Test

Static level 17'
Test-pumping rate 10 G.P.M.
Pumping level 105'
Duration of test pumping 2 hrs
Water clear or cloudy at end of test cloudy
Recommended pumping rate 10 G.P.M.
with pump setting of 120 feet below ground surface

Well Log

Overburden and Bedrock Record

clay
gravel
limestone
sandstone
limestone

From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
0	60	90	"
60	64	140	"
64	98	209	"
98	205		
205	211		

Water Record

For what purpose(s) is the water to be used?

old house & new house

Is well on upland, in valley or on hillside?

upland

Drilling or Boring Firm Capital Water Supply

Address 1243 Heron Rd Ottawa

Licence Number 976

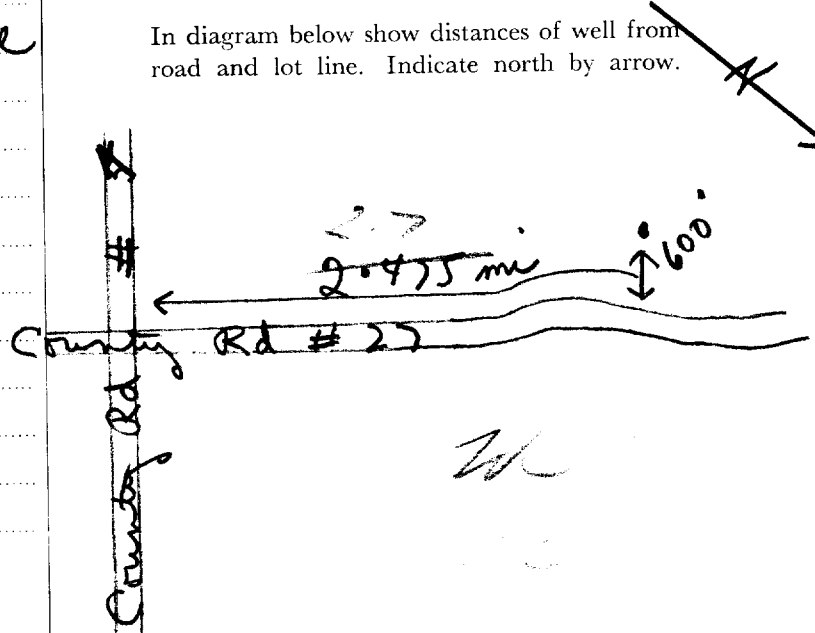
Name of Driller or Borer S Kuff

Date 26 Aug 1963

Walter Lavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



316/56.



GROUND WATER BRANCH No. 301

MAR 17 1964

ONTARIO WATER RESOURCES COMMISSION

UTM 11E 2 414191710 E

510113101510 N

The Ontario Water Resources Commission Act

Elev. 9 R 0121615

WATER WELL RECORD

Basin 215 | 1 | Parcel

Township, Village, Town or City St. Lawrence

County or District B. E. R. E. Lot 20

Date completed 23 Jan 1964
(day month year)

Address Manotick Ont

Casing and Screen Record

Inside diameter of casing 5"

Total length of casing 70'

Type of screen

Length of screen

Depth to top of screen

Diameter of finished hole 5"

Pumping Test

Static level 35'

Test-pumping rate 10 G.P.M.

Pumping level 35'

Duration of test pumping 1 hr

Water clear or cloudy at end of test cloudy

Recommended pumping rate 10 G.P.M.

with pump setting of 65' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>clay</u>	<u>0</u>	<u>25</u>	<u>86</u>	<u>fresh</u>
<u>clay & boulders</u>	<u>25</u>	<u>55</u>		
<u>gravel & boulders</u>	<u>55</u>	<u>66</u>		
<u>Sandstone</u>	<u>66</u>	<u>87</u>		

For what purpose(s) is the water to be used?

new house

Is well on upland, in valley, or on hillside? upland

Drilling or Boring Firm Capital Water Supply

Address 1243 Heron Rd Ottawa

Licence Number 976

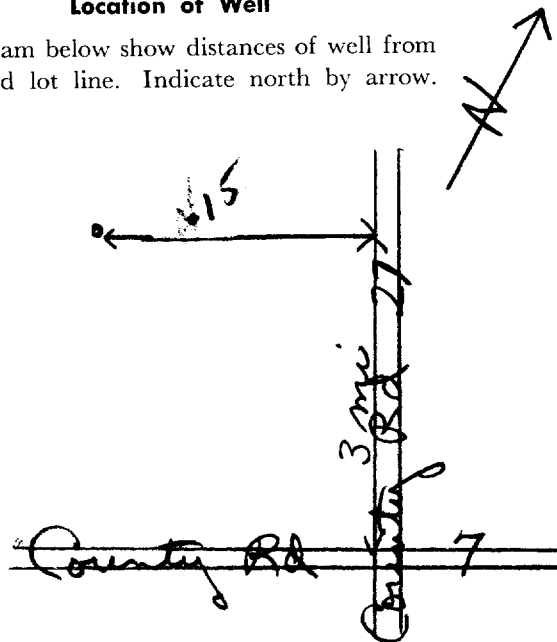
Name of Driller or Borer M. Kavanagh

Date 23 Jan 1964

Halter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.





3125b

15 No.

4664

UTM 18 2 4 44 5 7 0 E

R 5 R 5 0 1 2 3 4 0 N

Elev. 5 R 0 2 7 0

WATER WELL RECORD

SEP 21 1964

Basin 25 | | | | | Carleton

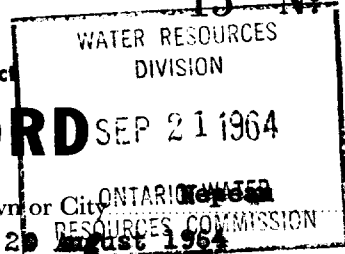
Township, Village, Town or City

Con. I R F Lot 10 (old Hwy. #16)

Date completed 20 August 1964 (day month year)

Owner Kirk Builders (Ottawa) Limited (print in block letters)

Address 40 Sherry Lane, Ottawa 12, Ont.



Casing and Screen Record

Pumping Test

Inside diameter of casing 4"

Total length of casing 60'

Type of screen nil

Length of screen nil

Depth to top of screen nil

Diameter of finished hole 4"

Static level 7'

Test-pumping rate 5 G.P.M.

Pumping level 60'

Duration of test pumping 1 Hour

Water clear or cloudy at end of test cloudy

Recommended pumping rate 75' 5 G.P.M.

with pump setting of 75' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Clay & Boulders	0'	58'		
Limestone	58'	175'	175'	fresh

For what purpose(s) is the water to be used?

New Home

Is well on upland, in valley, or on hillside? Upland

Drilling or Boring Firm

Elair Phillips Drilling Co. Ltd.

Address Ottawa

Licence Number 1474

Name of Driller or Borer James Moore

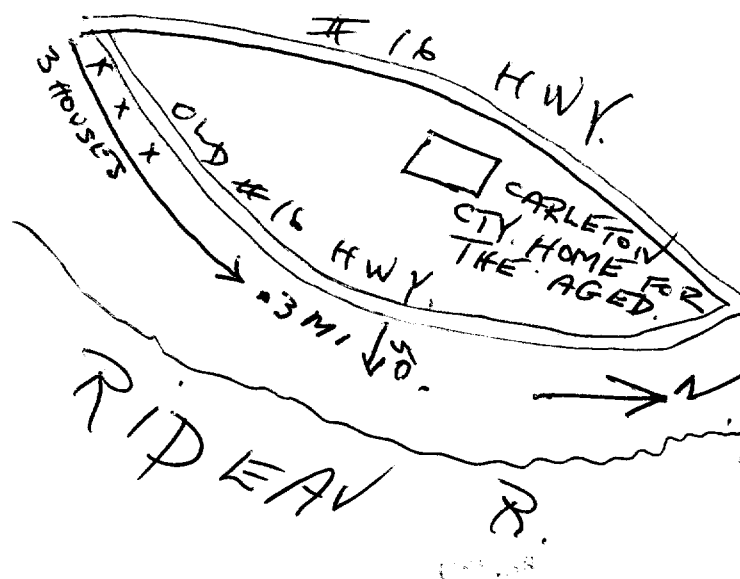
Address RR#1 Mars, Ont.

Date 20 Aug. 1964

(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



310/56.



WATER RESOURCES DIVISION
15 No
AUG 8 1967
ONTARIO WATER RESOURCES COMMISSION

325

UTM 1182 2 4 5 0 3 0 E

5 10 12 3 1 0 N

The Ontario Water Resources Commission Act

Elev. 4 R 10 2 1 2

WATER WELL RECORD

Basin County or District

Carleton

Township, Village, Town or City Gloucester

Con. B.F.

Lot 5 1/2 Pt 21

Date completed 22 July 1967

(day month year)

Address 21 Poplar St., Ottawa

Casing and Screen Record

Pumping Test

Inside diameter of casing 5"

Total length of casing 64 ft.

Type of screen nil

Length of screen n/a

Depth to top of screen

Diameter of finished hole 5"

Static level 15'

Test-pumping rate 30 G.P.M.

Pumping level 20'

Duration of test pumping 1 Hour

Water clear or cloudy at end of test cloudy

Recommended pumping rate 30 G.P.M.

with pump setting of 25' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record	Well Log		Water Record	
	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Clay	0'	15'		
Clay & Boulders	15'	50'		
Sand & Boulders	50'	60'		
Grey Limestone	60'	85'	82'	fr.

For what purpose(s) is the water to be used? new Home

Is well on upland, in valley, or on hillside? Upland

Drilling or Boring Firm Blair Phillips Drilling Co. Ltd.,

Address 1119 Falaise Road, Ottawa 5, Ont.

Licence Number 2562

Name of Driller or Borer Ron. Phillips

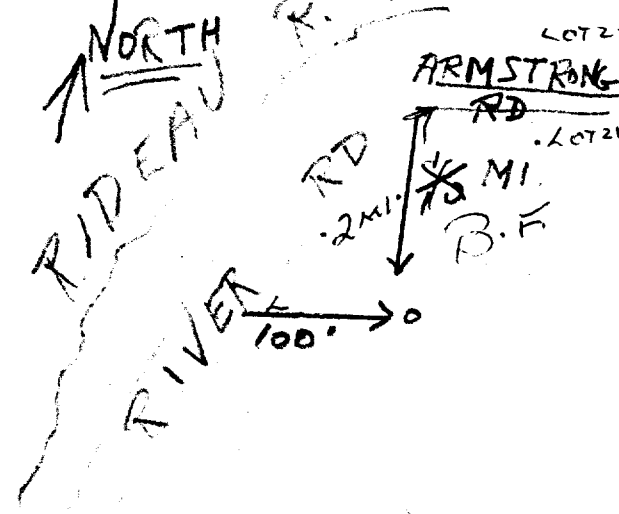
Address Manotick, Ont.

Date 24 July 1967

(Signature of licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



JTM 118-4447210
 191501115010 CODED
 Elev. 101260
 Basin 25

Con. B.F.
 R.E.
 L22



1509609

WATER RESOURCES
 DIVISION

AUG 27 1968

ONTARIO WATER
 RESOURCES COMMISSION
 Gloucester

B

The Ontario Water Resources Commission Act

WATER WELL RECORD

County or District Carleton Place Township, Village, Town or City Gloucester
 Con. B.F. R.F. Lot 22 Date completed 20 August 1968
 (day month year)
 Address 64 Delaware Ave., Ottawa, Ont.

Casing and Screen Record

Inside diameter of casing 40' of 5" & 10' of 2"
 Total length of casing 40' " 5" - 10"
 Type of screen nil
 Length of screen n/a
 Depth to top of screen n/a
 Diameter of finished hole 2"

Pumping Test

Static level 6'
 Test-pumping rate 10 G.P.M.
 Pumping level 8
 Duration of test pumping 1 Hour
 Water clear or cloudy at end of test clear
 Recommended pumping rate 10' G.P.M.
 with pump setting of 25' feet below ground surface

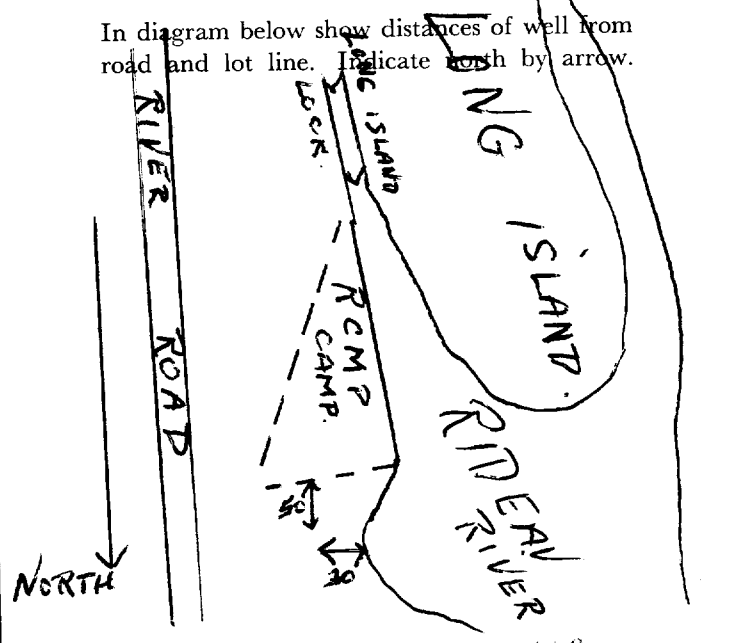
Well Log

Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>Grey Clay - Boulders</u>	<u>0</u>	<u>40</u>		
<u>SANDSTONE</u>	<u>40</u>	<u>57</u>	<u>55'</u>	<u>FRESH</u>

For what purpose(s) is the water to be used? Winterized cottage
 Is well on upland, in valley, or on hillside? valley
 Drilling or Boring Firm Blair Phillips Drilling Co. Ltd.,
 Address 1119 Malise Rd.,
Ottawa 5, Ontario.
 Licence Number 2779
 Name of Driller or Borer Ron. Phillips
 Address 1440 Mayview Apt. #207 Ottawa, Ont.
 Date 20 August 1968
 (Signature of Licensed Drilling or Boring Contractor)

Location of Well





The Ontario Water Resources Commission Act WATER WELL RECORD

316/56

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1510831

MUNICIP.

15002

CON

BF

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

CON., BLOCK, TRACT, SURVEY, ETC.

LOT

31

Louiseville

BF - LF

022

DATE COMPLETED

15 07 70

HING

RC

ELEVATION

RC

Basin Code

012110

4

0290

4

25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
brown	clay		soft	0	55
grey	sand	boulders	packed	55	72
grey	sandstone		hard	72	94

31 0055405 007220913 0074218

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
15-18	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
05	<input checked="" type="checkbox"/> STEEL	188	0	77
	<input type="checkbox"/> GALVANIZED			
	<input type="checkbox"/> CONCRETE			
	<input checked="" type="checkbox"/> OPEN HOLE			
	<input type="checkbox"/> STEEL			
	<input type="checkbox"/> GALVANIZED			
	<input type="checkbox"/> CONCRETE			
	<input checked="" type="checkbox"/> OPEN HOLE			
	<input type="checkbox"/> STEEL			
	<input type="checkbox"/> GALVANIZED			
	<input type="checkbox"/> CONCRETE			
	<input type="checkbox"/> OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH

MATERIAL AND TYPE

DEPTH TO TOP OF SCREEN

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

PUMPING TEST METHOD: PUMP BAILER

PUMPING RATE: 0009 GPM

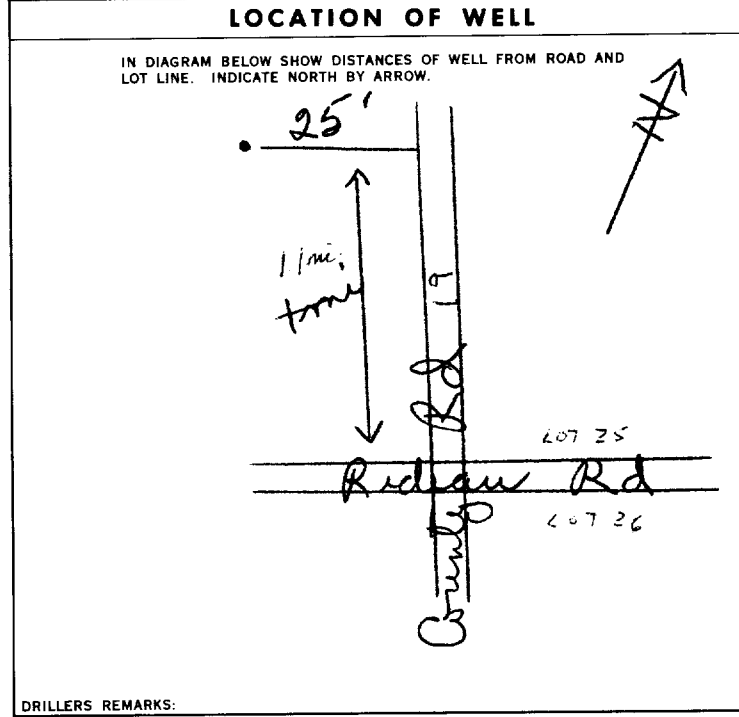
DURATION OF PUMPING: 01 HOURS 00 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING PUMPING			
020 FEET	060 FEET	15 MINUTES: 060 FEET	30 MINUTES: 060 FEET	45 MINUTES: 060 FEET	60 MINUTES: 060 FEET

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 80 FEET

RECOMMENDED PUMPING RATE: 5 GPM



FINAL STATUS OF WELL

WATER SUPPLY

OBSERVATION WELL

TEST HOLE

RECHARGE WELL

ABANDONED, INSUFFICIENT SUPPLY

ABANDONED, POOR QUALITY

UNFINISHED

WATER USE

DOMESTIC

STOCK

IRRIGATION

INDUSTRIAL

OTHER

COMMERCIAL

MUNICIPAL

PUBLIC SUPPLY

COOLING OR AIR CONDITIONING

NOT USED

METHOD OF DRILLING

CABLE TOOL

ROTARY (CONVENTIONAL)

ROTARY (REVERSE)

ROTARY (AIR)

AIR PERCUSSION

BORING

DIAMOND

JETTING

DRIVING

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply

LICENCE NUMBER: 1558

ADDRESS: 14 Ashford Dr Ottawa 6

NAME OF DRILLER OR BORER: M Lavanagh

LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: Walter Lavanagh

SUBMISSION DATE: DAY MO YR.

OFFICE USE ONLY

DATA SOURCE: 1

CONTRACTOR: 1558

DATE RECEIVED: 280970

DATE OF INSPECTION:

INSPECTOR: R. Kim

REMARKS:



WATER WELL RECORD

31956

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1511327

MUNICIP.

15002

CON.

BF

COUNTY OR DISTRICT

Carleton Place

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

11 Louceseter

CON., BLOCK, TRACT, SURVEY, ETC.

BF RE

LOT

25-27

DATE COMPLETED

17 05 71

12210 4 0290 5 215

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
brown	clay		hard	0	20
blue	clay		soft	20	60
hard					
brown	hardpan	boulders	hard	60	66
blue	lime		hard	66	125
grey	sandstone	some quartz	hard	125	248

31 0020605 0060305 006061413 0125315 024831820

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0200	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0223	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0245	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-14	1 <input checked="" type="checkbox"/> STEEL 12	188	0	18-16
06	2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		71	0071 248
17-18	1 <input type="checkbox"/> STEEL 19			20-23
24-25	2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			0248 27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH

MATERIAL AND TYPE: _____ DEPTH TO TOP OF SCREEN: _____ FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13 14-17	
18-21 22-25	
26-29 30-33 80	

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
020 PUMP 2 <input type="checkbox"/> BAILER	0004 GPM.	01 15-16 HOURS 00 17-18 MINS.

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
020 FEET	120 FEET	15 MINUTES 080 FEET 30 MINUTES 120 FEET 45 MINUTES 120 FEET 60 MINUTES 120 FEET

IF FLOWING, GIVE RATE: _____ GPM. PUMP INTAKE SET AT: _____ FEET. WATER AT END OF TEST: CLEAR CLOUDY

RECOMMENDED PUMP TYPE: SHALLOW DEEP. RECOMMENDED PUMP SETTING: 125 FEET. RECOMMENDED PUMPING RATE: 0004 GPM.

50-53 000.0 GPM./FT. SPECIFIC CAPACITY

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

DRILLERS REMARKS: _____

FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY
2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY
3 TEST HOLE 7 UNFINISHED
4 RECHARGE WELL

WATER USE 01

1 DOMESTIC 5 COMMERCIAL
2 STOCK 6 MUNICIPAL
3 IRRIGATION 7 PUBLIC SUPPLY
4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING
 OTHER 9 NOT USED

METHOD OF DRILLING

1 CABLE TOOL 6 BORING
2 ROTARY (CONVENTIONAL) 7 DIAMOND
3 ROTARY (REVERSE) 8 JETTING
4 ROTARY (AIR) 9 DRIVING
5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply 1558
ADDRESS: 14 Ashford Dr Ottawa
NAME OF DRILLER OR BORER: B B Besson
SIGNATURE OF CONTRACTOR: [Signature] SUBMISSION DATE: _____

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 1558 DATE RECEIVED: 190871
DATE OF INSPECTION: _____ INSPECTOR: [Signature]
REMARKS: _____

P F
WI



The Ontario Water Resources Commission Act WATER WELL RECORD

319/56

Water management in Ontario

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1513342 15002 BF

COUNTY OR DISTRICT: **Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Gloucester** CON., BLOCK, TRACT, SURVEY, ETC.: **B.F. (R.F.)** LOT: **021**

1 Manotick KOA 2ND DATE COMPLETED: 04 MO 07 YR 73

NG: 12440 RC: 10 ELEVATION: 0291 RC: 4 BASIN CODE: 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
brown	clay		packed	0	15
brown		boulders	packed	15	35
blue	clay	boulders	soft	35	60
grey	clay	sand and gravel	packed	60	73
grey	limestone		hard	73	220
white	sandstone		hard	220	272

31 0015605 0035613 0060366713 00732952011 0220215 0272118

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	<input checked="" type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
15-18	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH	<input type="checkbox"/> SALTY	<input type="checkbox"/> SULPHUR	<input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11	<input checked="" type="checkbox"/> STEEL	188	0	0075
17-18	<input checked="" type="checkbox"/> OPEN HOLE		75	272

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
<input checked="" type="checkbox"/> PUMP	0020 GPM	01 HOURS 00 MINS.

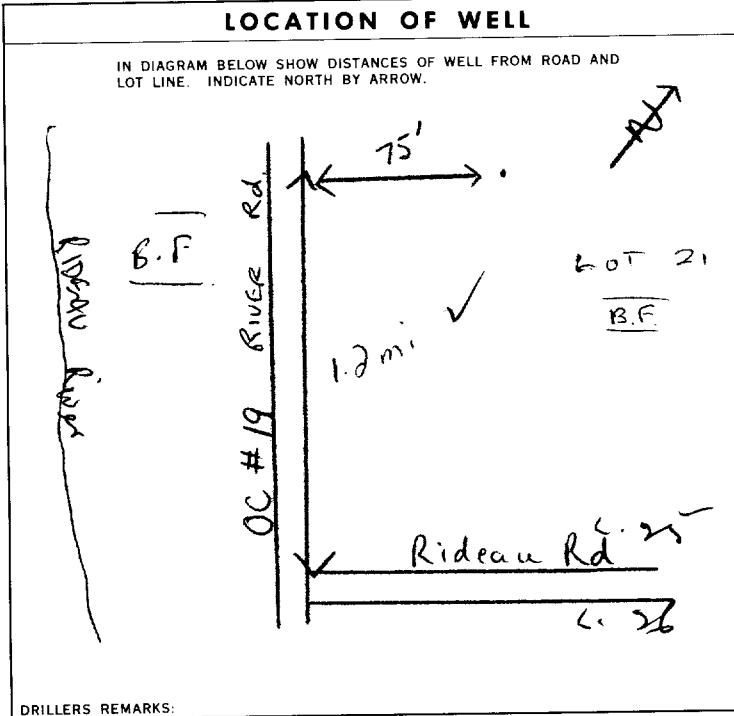
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING PUMPING
024 FEET	050 FEET	15 MINUTES: 050 FEET, 30 MINUTES: 050 FEET, 45 MINUTES: 050 FEET, 60 MINUTES: 050 FEET

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 060 FEET

RECOMMENDED PUMPING RATE: 0005 GPM.

50-53 000.6 GPM./FT. SPECIFIC CAPACITY



54 FINAL STATUS OF WELL

55-56 WATER USE

57 METHOD OF DRILLING

CONTRACTOR

NAME OF WELL CONTRACTOR: **Capital Water Supply Ltd.** LICENCE NUMBER: **1658**

ADDRESS: **Box 490 Stittsville**

NAME OF DRILLER OR BORER: **L. Drynan** LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: **L. Drynan** SUBMISSION DATE: DAY **4** MO **7** YR **73**

OFFICE USE ONLY

58 CONTRACTOR: **1558** 59-62 DATE RECEIVED: **130873** 63-68 80

INSPECTOR: **K.**

REMARKS:

CSS.S8 WI



Ontario

The Ontario Water Resources Act

WATER WELL RECORD

319/56

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1513522 151008 RF 1011

COUNTY OR DISTRICT CARLETON	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE NEPEAN	CON., BLOCK, TRACT, SURVEY, ETC. 3 9	LOT 25-27 010
ADDRESS LODGE ROAD OTTAWA		CONCESSION #1 RF	DATE COMPLETED DAY 31 MO. 10 YR. 73

21 118 EASTING 444360 NORTHING 15011995 ELEVATION 10273 BASIN CODE 14 25

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
GREY	CLAY		SOFT	0	10
GREY	CLAY	BOULDER		10	38
GREY	GRAVEL	BOULDER	DENSE	38	50

31 0010245 0037245/3 001527113

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0047 10-13	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/8	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	.188	0	0050 1/2
17-18	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			20-23
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

SCREEN

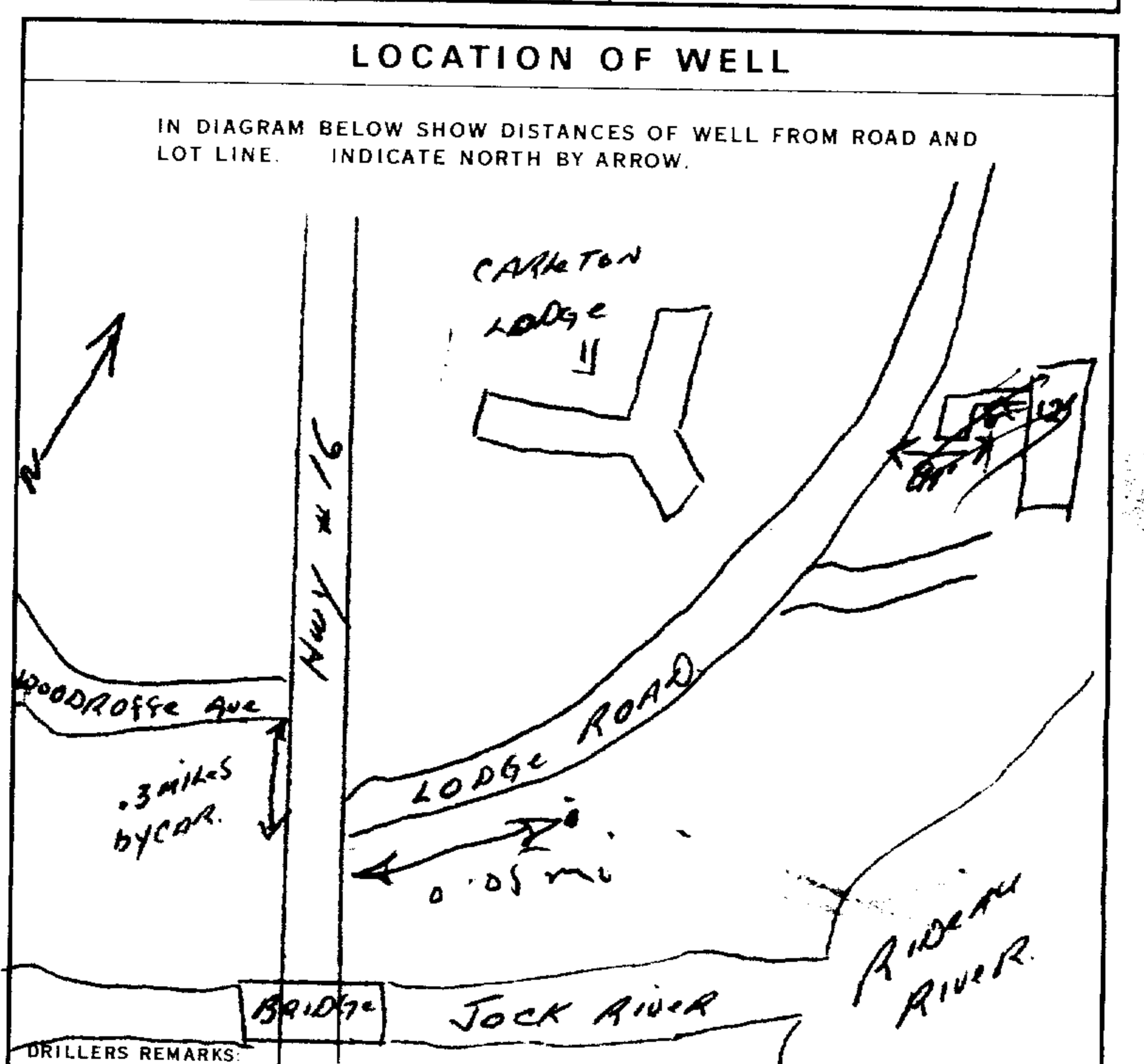
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN
		FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM TO	
10-13 14-17	
18-21 22-25	
26-29 30-33 80	

71 PUMPING TEST

PUMPING TEST METHOD 1 <input type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	PUMPING RATE 0000 GPM	DURATION OF PUMPING 15-16 HOURS 17-18 MINS
STATIC LEVEL 0126 FEET	WATER LEVEL END OF PUMPING 035 FEET	WATER LEVELS DURING 1 <input type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
RECOMMENDED PUMP TYPE 1 <input type="checkbox"/> SHALLOW 2 <input type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 0402	RECOMMENDED PUMPING RATE



FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> WATER SUPPLY	5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY
2 <input type="checkbox"/> OBSERVATION WELL	6 <input type="checkbox"/> ABANDONED, POOR QUALITY
3 <input type="checkbox"/> TEST HOLE	7 <input type="checkbox"/> UNFINISHED
4 <input type="checkbox"/> RECHARGE WELL	

WATER USE

1 <input checked="" type="checkbox"/> DOMESTIC	5 <input type="checkbox"/> COMMERCIAL
2 <input type="checkbox"/> STOCK	6 <input type="checkbox"/> MUNICIPAL
3 <input type="checkbox"/> IRRIGATION	7 <input type="checkbox"/> PUBLIC SUPPLY
4 <input type="checkbox"/> INDUSTRIAL	8 <input type="checkbox"/> COOLING OR AIR CONDITIONING
9 <input type="checkbox"/> OTHER	9 <input type="checkbox"/> NOT USED

METHOD OF DRILLING

1 <input type="checkbox"/> CABLE TOOL	6 <input type="checkbox"/> BORING
2 <input type="checkbox"/> ROTARY (CONVENTIONAL)	7 <input type="checkbox"/> DIAMOND
3 <input type="checkbox"/> ROTARY (REVERSE)	8 <input type="checkbox"/> JETTING
4 <input checked="" type="checkbox"/> ROTARY (AIR)	9 <input type="checkbox"/> DRIVING
5 <input type="checkbox"/> AIR PERCUSSION	

CONTRACTOR

NAME OF WELL CONTRACTOR HAWTHORNE DRILLING LIMITED	LICENCE NUMBER 2557
ADDRESS P.O. BOX 4218 STATION "E" OTTAWA, ONTARIO	
NAME OF DRILLER OR BORER YVON AUDIN	LICENCE NUMBER 2557
SIGNATURE OF CONTRACTOR	SUBMISSION DATE DAY 1 NO. 11 YR. 73

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR 2557	DATE RECEIVED 09, 11 73
DATE OF INSPECTION	INSPECTOR	
REMARKS: P-R		



Ontario

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

1516160

MUNICIP. 15.002

CON. BF

COUNTY OR DISTRICT Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Gloucester	CON., BLOCK, TRACT, SURVEY, ETC. BF R.F.	LOT 25-27 021
OWNER (SURNAME FIRST) GOWER CONTRACTORS LTD.		DATE COMPLETED D. 04 MO. 08 YR. 77	
R.R. # 3 North Gower, Ontario			

U.T.M. ZONE **18** EASTING **445040** NORTHING **5012220** ELEVATION **4** BASIN CODE **4 26**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
brown	clay		packed	0	9
blue	clay		soft	9	38
grey	sand	gravel & boulders	packed	38	70
grey	sandstone		hard	70	175

31 **000960579** **0038305785** **00702281113** **017521873**

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
10-13 0170	<input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 14 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
15-18	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 19 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 24 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 29 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	<input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 34-40 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
6 1/2	<input checked="" type="checkbox"/> STEEL	188	0
6 1/2	<input type="checkbox"/> GALVANIZED		0073
6 1/2	<input type="checkbox"/> CONCRETE		
6 1/2	<input type="checkbox"/> OPEN HOLE		73
6 1/2	<input type="checkbox"/> STEEL		20-23
6 1/2	<input type="checkbox"/> GALVANIZED		
6 1/2	<input type="checkbox"/> CONCRETE		
6 1/2	<input checked="" type="checkbox"/> OPEN HOLE		0175
6 1/2	<input type="checkbox"/> STEEL		27-30
6 1/2	<input type="checkbox"/> GALVANIZED		
6 1/2	<input type="checkbox"/> CONCRETE		
6 1/2	<input type="checkbox"/> OPEN HOLE		

SCREEN

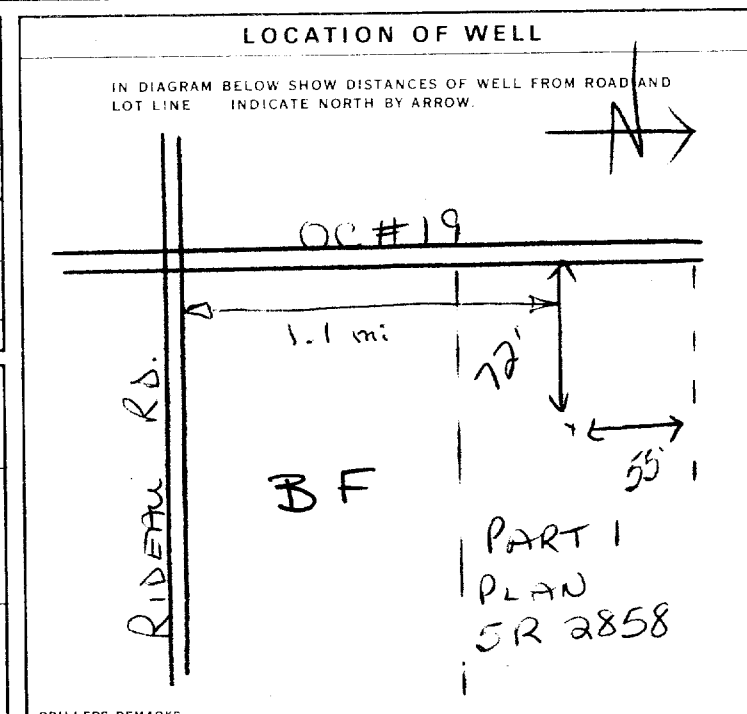
SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
		41-44
		FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
FROM TO	
10-13	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST

PUMPING TEST METHOD <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	PUMPING RATE 0015 GPM	DURATION OF PUMPING 15-16 00 HOURS 17-18 00 MINS
STATIC LEVEL 020 FEET	WATER LEVEL END OF PUMPING 045 FEET	WATER LEVELS DURING PUMPING 15 MINUTES 045 FEET 30 MINUTES 045 FEET 45 MINUTES 045 FEET 60 MINUTES 045 FEET
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT GPM	WATER AT END OF TEST <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 050 FEET	RECOMMENDED PUMPING RATE 0005 GPM



FINAL STATUS OF WELL

WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY
 OBSERVATION WELL 6 ABANDONED, POOR QUALITY
 TEST HOLE 7 UNFINISHED
 RECHARGE WELL

WATER USE

DOMESTIC 5 COMMERCIAL
 STOCK 6 MUNICIPAL
 IRRIGATION 7 PUBLIC SUPPLY
 INDUSTRIAL 8 COOLING OR AIR CONDITIONING
 OTHER 9 NOT USED

METHOD OF DRILLING

CABLE TOOL 6 BORING
 ROTARY (CONVENTIONAL) 7 DIAMOND
 ROTARY (REVERSE) 8 JETTING
 ROTARY (AIR) 9 DRIVING
 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR
Capital Water Supply Ltd. LICENCE NUMBER **1558**

ADDRESS
Box 490 Stittsville, Ontario

NAME OF DRILLER OR BORER
W. Kavanagh LICENCE NUMBER

SIGNATURE OF CONTRACTOR
W. Kavanagh SUBMISSION DATE
DAY **5** MO. **8** YR. **77**

OFFICE USE ONLY

DATA SOURCE **1** 58 CONTRACTOR **1558** 59-62 DATE RECEIVED **140977** 63-68 80

DATE OF INSPECTION **24/5/79** INSPECTOR *[Signature]*

REMARKS: **P**
WI

CSS.SS



Ontario

WATER WELL RECORD

31656

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11 1516589

MUNICIPALITY 15008 REGIONAL MUNICIPALITY OF OTTAWA

COM. NO. RF LOT 25-27

COUNTY OR DISTRICT Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Carleton Place	CON., BLOCK, TRACT, SURVEY, ETC. For The Aged Hwy. # 16	LOT 011
OWNER (SURNAME FIRST) Carleton	ADDRESS 222 Queen St., Ottawa, Ont.	DATE COMPLETED DAY 20 MO 03 YR 78	

U.S. ZONE EASTING NORTHING RC ELEVATION RC BASIN CODE
 18 444399 5012399 4 0285 4 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Topsoil		Loose packed	0	1
Brown	Sand		Fine, packed	1	6
Grey	Clay		Hard packed	6	27
Grey	Clay	Sand	Coarse, packed	27	34
Grey	Sand	Gravel, Boulders	Hard packed	34	76
Grey	Sand	Boulders, Gravel	Cemented	76	102
	Limestone	Sandstone	Layers	102	200
	Sandstone		Hard	200	285
	Sandstone		Soft	285	286
	Sandstone		Hard	286	340
	Granite			340	380

31 00016027779 000660879 00272057379 00342051079 010222813111 0200 151874 1
 32 0285 1873 0286 1885 0340 1873 0380 211

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
0200	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0220	1 <input checked="" type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
20-23	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
25-28	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
30-33	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

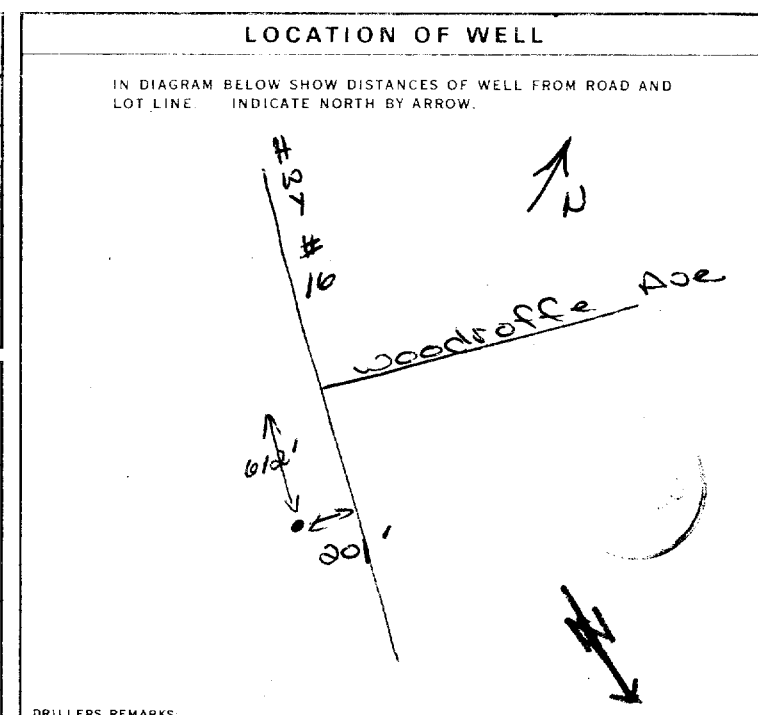
INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
08	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	.188	0	0102 0120
12	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE	.375	0	0120 0102

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE	(CEMENT GROUT LEAD PACKER, ETC.)
0 120	Cement Grout	

71 PUMPING TEST METHOD

1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	PUMPING RATE 0015 GPM	DURATION OF PUMPING 15-16 HOURS 00 MINS
STATIC LEVEL 012 FEET	WATER LEVEL END OF PUMPING 175 FEET	WATER LEVELS DURING
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT 200 FEET	WATER AT END OF TEST CLEAR
RECOMMENDED PUMP TYPE <input checked="" type="checkbox"/> SHALLOW <input type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 300 FEET	RECOMMENDED PUMPING RATE 0015 GPM



FINAL STATUS OF WELL: 1 WATER SUPPLY

WATER USE: 05 1 DOMESTIC 5 COMMERCIAL

METHOD OF DRILLING: 4 ROTARY (AIR) 9 DRIVING

CONTRACTOR: McLean Water Supply Ltd. LICENCE NUMBER: 3504

ADDRESS: 1532 Raven Ave., Ottawa, Ont.

SIGNATURE OF CONTRACTOR: Raymond Gosselman

SUBMISSION DATE: DAY 4 NO. 4 YR. 78

OFFICE USE ONLY

DATA SOURCE: 1 3504 DATE RECEIVED: 090878

REMARKS: P WI

WATER WELL RECORD

3169b

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1517382

MUNICIPALITY 15002

COM. DISTRICT BF

COUNTY OR DISTRICT Carleton Place TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE St. Lawrence CON. BLOCK, TRAC. SURVEY, ETC. B.F. LOT 020

Box 3183, RR#3, Ottawa DATE COMPLETED DAY 10 MO 09 YR 80

SECTION 013099 RC 4 ELEVATION 0295 RC 4 BASIN CODE 26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
grey	clay			0	10
blue	clay			10	50
grey	hardpan	boulders		50	64
white	sandstone			64	74

31 0010205 0050305 006421413 00741118

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	1 <input checked="" type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	14
15-18	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	19
20-23	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	24
25-28	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	29
30-33	1 <input type="checkbox"/> FRESH	3 <input type="checkbox"/> SULPHUR	4 <input type="checkbox"/> MINERAL	34-80

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06-11	1 <input checked="" type="checkbox"/> GALVANIZED	-188	0	065
17-18	1 <input type="checkbox"/> STEEL			20-23
24-25	1 <input type="checkbox"/> STEEL			27-30

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET
31-33	34-38	39-40

MATERIAL AND TYPE: _____ DEPTH TO TOP OF SCREEN: 41-48 FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT FEET	MATERIAL AND TYPE	CEMENT GROUT LEAD PACKER, ETC.
10-13	14-17	
18-21	22-25	
26-29	30-33	80

71 PUMPING TEST

PUMPING TEST METHOD: 1 PUMP 2 BAILER

PUMPING RATE: 0050 GPM

DURATION OF PUMPING: 01 HOURS 00 MINS

STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING PUMPING			
020	040	15 MINUTES: 040	30 MINUTES: 040	45 MINUTES: 040	60 MINUTES: 040

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: 040 FEET

RECOMMENDED PUMPING RATE: 0010 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

DRILLERS REMARKS

FINAL STATUS OF WELL

1 WATER SUPPLY

WATER USE

02 STOCK

METHOD OF DRILLING

5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: Henry Mann's Well Drilling LICENCE NUMBER: 3644

ADDRESS: Box 326, Richmond Ont.

NAME OF DRILLER OR FORER: Henry Mann's LICENCE NUMBER: _____

SIGNATURE OF CONTRACTOR: _____ SUBMISSION DATE: DAY 10 MO 9 YR 80

OFFICE USE ONLY

DATA SOURCE: 1 CONTRACTOR: 3644 DATE RECEIVED: 011280

DATE OF INSPECTION: _____ INSPECTOR: _____

REMARKS: _____

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

1522201

MUNICIPALITY: 10 14 15 22 23 24
CON.:

COUNTY OR DISTRICT: **Ottawa-Carleton** TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Nepean, Ont** CON. BLOCK, TRACT, SURVEY, ETC.: **Cin.01 RF** LOT: **10**
ADDRESS: **500D Old St. Patrick St., Ottawa, Ont** DATE COMPLETED: DAY **26** MO **10** YR. **87**

21 TW-1 Carleton Lodge, Hwy. 16

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Clay	Silt		0	6'
Grey	Clay	Silt Sand Stones		6'	28'
Grey	Sand	Silt Clay		28'	41'
Grey	Sand	Silt Stones		41'	58'
Grey	Limestone		Fractured Limestone	58'	110'

31
32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
62	1 <input checked="" type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS
88	1 <input checked="" type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS
	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS
	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS
	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY 3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10"	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		0	63'
8"	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC	.188	+2	63'
8"	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		63'	110'

SCREEN

SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

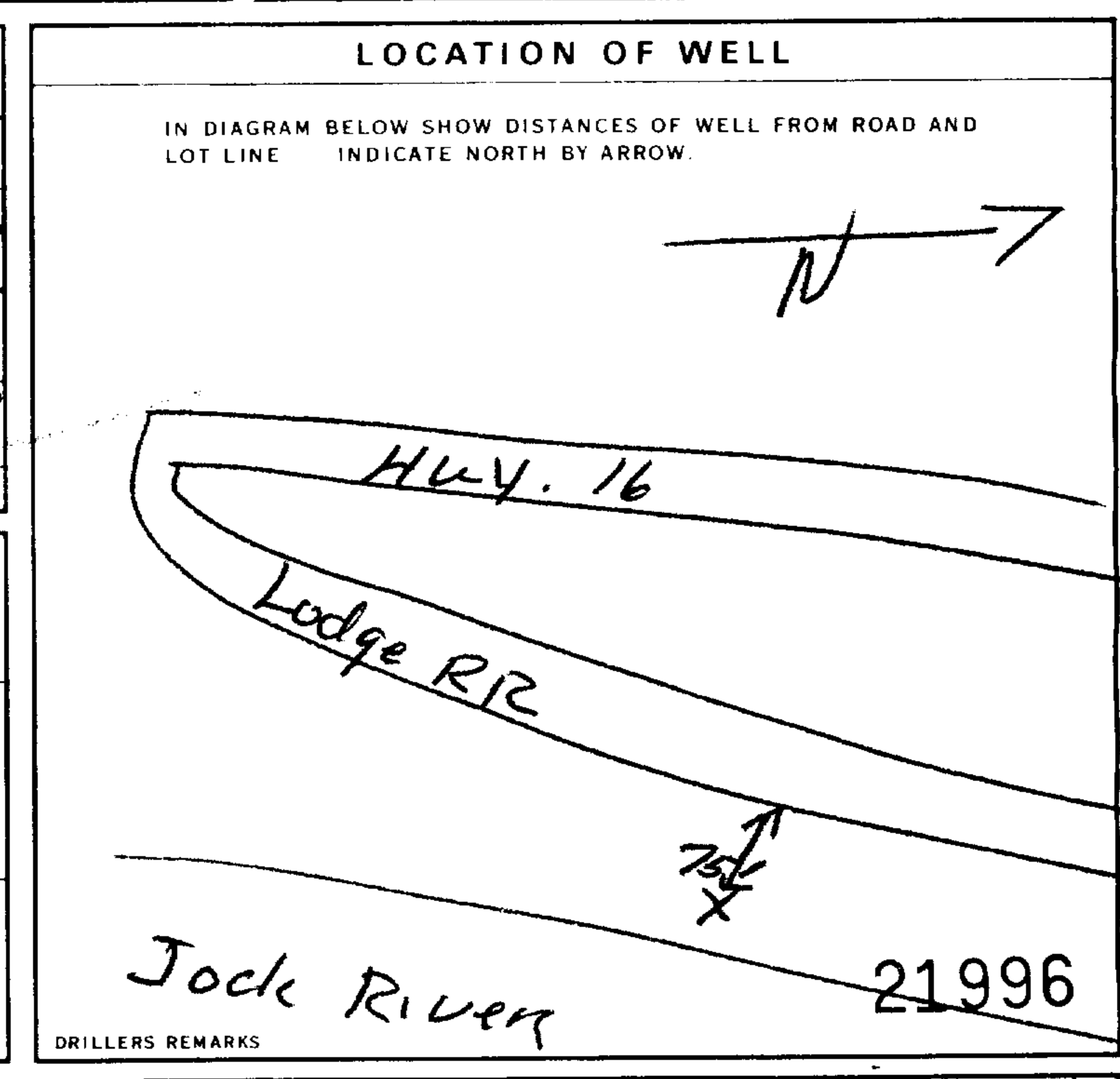
MATERIAL AND TYPE: _____ DEPTH TO TOP OF SCREEN: _____

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
10-15	14-17
18-21	22-25
26-29	30-33

71 PUMPING TEST

PUMPING TEST METHOD	PUMPING RATE	DURATION OF PUMPING
1 <input checked="" type="checkbox"/> PUMP 2 <input type="checkbox"/> BAILER	10 GPM	2 HOURS
STATIC LEVEL: 1.8 FEET	WATER LEVEL END OF PUMPING: 100 FEET	WATER LEVELS DURING:
		15 MINUTES: 61 FEET 30 MINUTES: 34 FEET 45 MINUTES: 26 FEET 60 MINUTES: 18 FEET
IF FLOWING, GIVE RATE:	PUMP INTAKE SET AT:	WATER AT END OF TEST:
		1 <input type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE: <input checked="" type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING: 100 FEET	RECOMMENDED PUMPING RATE: 10 GPM



FINAL STATUS OF WELL

1 WATER SUPPLY 2 OBSERVATION WELL 3 TEST HOLE 4 RECHARGE WELL

5 ABANDONED, INSUFFICIENT SUPPLY 6 ABANDONED, POOR QUALITY 7 UNFINISHED 9 DEWATERING

WATER USE

1 DOMESTIC 2 STOCK 3 IRRIGATION 4 INDUSTRIAL OTHER

5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING 9 NOT USED

METHOD OF CONSTRUCTION

1 CABLE TOOL 2 ROTARY (CONVENTIONAL) 3 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION

6 BORING 7 DIAMOND 8 JETTING 9 DRIVING DIGGING OTHER

4006

CONTRACTOR

NAME OF WELL CONTRACTOR: **OLYMPIC DRILLING CO. LTD.,** WELL CONTRACTOR'S LICENCE NUMBER: _____
ADDRESS: **Box 9180 Terminal '1', Ottawa, Ont**
NAME OF WELL TECHNICIAN: **Jodie Renwick** WELL TECHNICIAN'S LICENCE NUMBER: **T-0460**
SIGNATURE OF TECHNICIAN/CONTRACTOR: *J. Renwick* SUBMISSION DATE: DAY **04** MO **02** YR **88**

OFFICE USE ONLY

DATA SOURCE: _____ CONTRACTOR: _____ DATE RECEIVED: **FEB 15 1988**
DATE OF INSPECTION: _____ INSPECTOR: _____
REMARKS: _____

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Mark correct box with a checkmark, where applicable.

11
1 2

1530599

Municipality 15008 Con. CON 01
10 14 15 22 23 24

County or District Ottawa Carleton	Township/Borough/City/Town/Village Nepean	Con block tract survey, etc. 1	Lot 10
Address 20 Lodge Road, E.P. #2 Nepean, Ontario		Date completed 2 day 6 month 99 year	

21
Zone Easting Northing Elevation Basin Code
K2C 3H1

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
Brown	Sandy Soil	Stones	Loose & Dry	0	4
Brown	Clay		Packed	4	15
Gray	Clay		Sticky	15	65
Gray	Sand gravel & Boulders		Wet	65	80
Gray	gravel		Packed	80	82

31
32

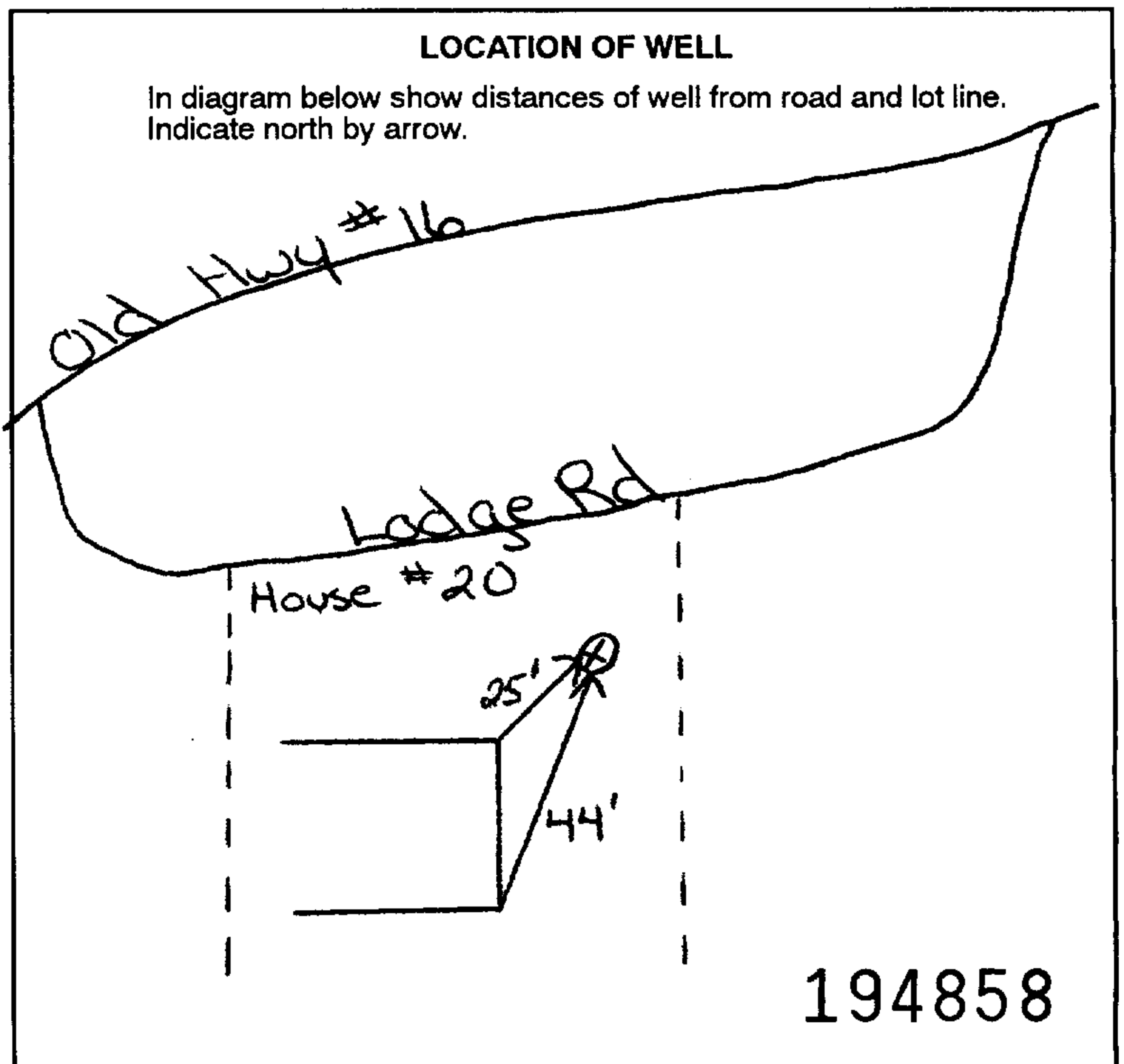
41 WATER RECORD			
Water found at - feet	Kind of water		
10-13	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	14
81-82	NOT TESTED		
15-18	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	19
20-23	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	24
25-28	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	29
30-33	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 6 <input type="checkbox"/> Gas	34

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6 1/4	1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	.188	0	82
6	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input checked="" type="checkbox"/> Plastic		81	82
	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			27-30

SCREEN	Sizes of opening (Slot No)	Diameter inches	Length feet
	Material and type		Depth at top of screen feet

61 PLUGGING & SEALING RECORD			
<input checked="" type="checkbox"/> Annular space		<input type="checkbox"/> Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
40	0	Grouted Cement (5)	

71 PUMPING TEST		Pumping rate	Duration of pumping
1 <input checked="" type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer		50 GPM	1 Hours 0 Mins
Static level	Water level end of pumping	Water levels during	
19-21	22-24	1 <input type="checkbox"/> Pumping	2 <input checked="" type="checkbox"/> Recovery
13 feet	50 feet	15 minutes	30 minutes
		45 minutes	60 minutes
		12.1 feet	13 feet
If flowing give rate	GPM	Pump intake set at	Water at end of test
		feet	<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy
Recommended pump type	Recommended pump setting	Recommended pump rate	
<input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep	50 feet	5 GPM	



FINAL STATUS OF WELL			
1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	
2 <input checked="" type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering		

WATER USE			
1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not used	
2 <input checked="" type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other	
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning		

METHOD OF CONSTRUCTION			
1 <input type="checkbox"/> Cable tool	5 <input type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving	
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging	
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other	
4 <input checked="" type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting		

Name of Well Contractor Capital Water Supply Ltd.	Well Contractor's Licence No. 1558
Address P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician S. Miller	Well Technician's Licence No. T0097
Signature of Technician/Contractor <i>[Signature]</i>	Submission date day 3 mo 6 yr 99

MINISTRY USE ONLY	Data source	Contractor	Date received
		1558	JUL 09 1999
	Date of inspection	Inspector	
Remarks CSS.ES0			

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Mark correct box with a checkmark, where applicable.

11

1533455

Municipality 15002

Con. BF

County or District: Ontario Township/Borough/City/Town/Village: Gloucester Con. block tract survey, etc.: B.F. Lot: 21
Address: Gloucester, Ont Date completed: 07 11 02
day month year

21 Northing RC Elevation RC Basin Code ii iii iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
WELL ABANDONMENT					

31 32

41 WATER RECORD

Water found at - feet	Kind of water					
10-13	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	4 <input type="checkbox"/> Minerals	5 <input type="checkbox"/> Gas	6 <input type="checkbox"/>	7 <input type="checkbox"/>
15-18	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	4 <input type="checkbox"/> Minerals	5 <input type="checkbox"/> Gas	6 <input type="checkbox"/>	7 <input type="checkbox"/>
20-23	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	4 <input type="checkbox"/> Minerals	5 <input type="checkbox"/> Gas	6 <input type="checkbox"/>	7 <input type="checkbox"/>
25-28	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	4 <input type="checkbox"/> Minerals	5 <input type="checkbox"/> Gas	6 <input type="checkbox"/>	7 <input type="checkbox"/>
30-33	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	4 <input type="checkbox"/> Minerals	5 <input type="checkbox"/> Gas	6 <input type="checkbox"/>	7 <input type="checkbox"/>

51 CASING & OPEN HOLE RECORD

Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			13-16
17-18	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			20-23
24-25	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic			27-30

SCREEN

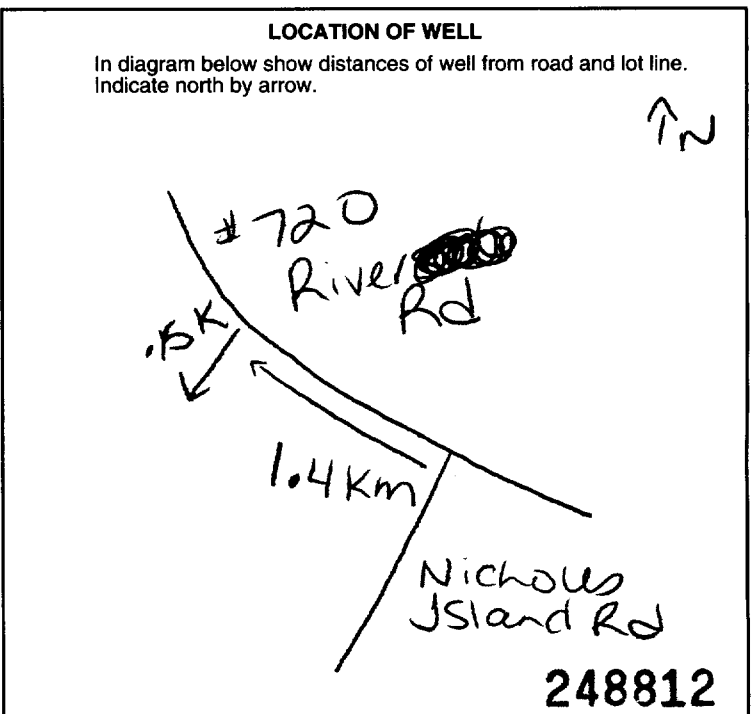
Sizes of opening (Slot No.)	Diameter inches	Length feet
Material and type		Depth at top of screen feet

61 PLUGGING & SEALING RECORD

<input type="checkbox"/> Annular space		<input checked="" type="checkbox"/> Abandonment
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)
From	To	
0-13	198	bentonite
18-21	22-25	
26-29	30-33	

71 PUMPING TEST

Pumping test method 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/> Bailer	Pumping rate GPM 11-14	Duration of pumping Hours Mins 15-16 17-18
Static level 19-21 feet	Water level end of pumping 22-24 feet	Water levels during 1 <input type="checkbox"/> Pumping 2 <input type="checkbox"/> Recovery
	15 minutes 25-28 feet	30 minutes 29-32 feet
	45 minutes 33-36 feet	60 minutes 37-40 feet
If flowing give rate 38-41 GPM	Pump intake set at 42 feet	Water at end of test 43 <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	Recommended pump setting 44-45 feet	Recommended pump rate 46-49 GPM



FINAL STATUS OF WELL

1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input checked="" type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering	

WATER USE

1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not use
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	

METHOD OF CONSTRUCTION

1 <input type="checkbox"/> Cable tool	5 <input type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (Conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

Name of Well Contractor: Ar Rock Drilling Co Ltd Well Contractor's Licence No.: 1119
Address: RP#1 Richmond, Ont
Name of Well Technician: Shannon Pucell Well Technician's Licence No.: Ta122
Signature of Technician/Contractor: [Signature] Submission date: 19 11 02
day mo yr

MINISTRY USE ONLY

Data source	Contractor	Date received
	1119	DEC 23 2002
Date of inspection	Inspector	
Remarks		
C88.E82		

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1533456

Municipality Con.
15002 BF

County or District Ottawa-Carleton	Township/Borough/City/Town/Village Gloucester	Con block tract survey, etc. B.F.	Lot 21
Address Gloucester, Ont		Date completed 07 11 02 day month year	

21

10 12 17 18 24 25 26 30 31

Northing RC Elevation RC Basin Code ii iii iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
brown	clay		hard	0	18
blue	clay			18	58
grey	Limestone			58	148
"	Sandstone			148	181

31

32

10 14 15 21 32 43 54 65 75 80

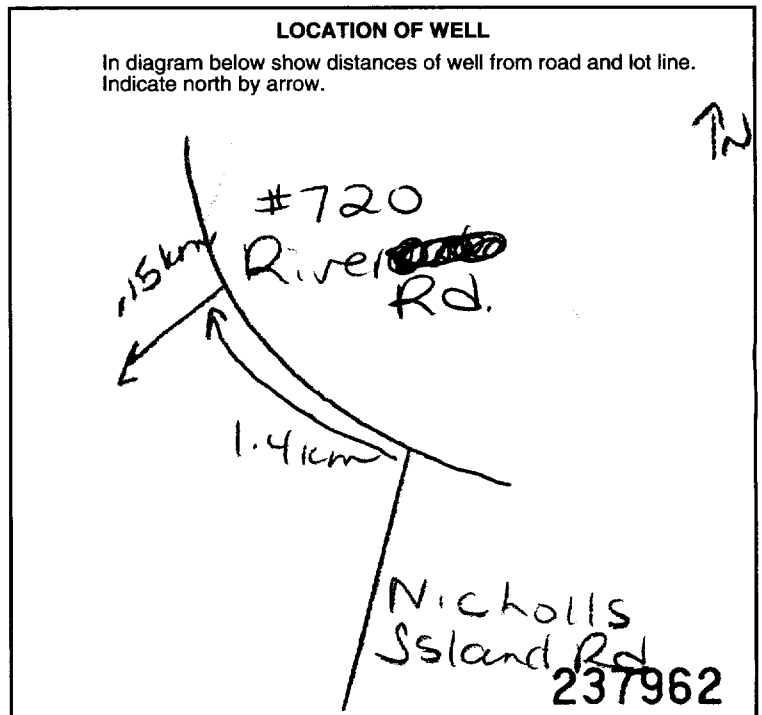
41 WATER RECORD			
Water found at - feet	Kind of water		
10-13 170	1 <input type="checkbox"/> Fresh 2 <input checked="" type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	14
15-18 173	1 <input type="checkbox"/> Fresh 2 <input checked="" type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	19
20-23	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	24
25-28	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	29
30-33	1 <input type="checkbox"/> Fresh 2 <input type="checkbox"/> Salty	3 <input type="checkbox"/> Sulphur 4 <input type="checkbox"/> Minerals 5 <input type="checkbox"/> Gas	34

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11 6 1/4	1 <input checked="" type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic	188	0	67
17-18 8 3/4	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		0	65
24-25 6	1 <input type="checkbox"/> Steel 2 <input type="checkbox"/> Galvanized 3 <input type="checkbox"/> Concrete 4 <input checked="" type="checkbox"/> Open hole 5 <input type="checkbox"/> Plastic		65	181

SCREEN	Sizes of opening (Slot No.)	Diameter	Length
	inches	inches	feet
	Material and type	Depth at top of screen	
		feet	

61 PLUGGING & SEALING RECORD			
Annular space		Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13 2	17 67	bentonite	
18-21	22-25		
26-29	30-33		

71 PUMPING TEST		Pumping test method		Pumping rate		Duration of pumping	
		10	11-14	15-16		17-18	
<input checked="" type="checkbox"/> Pump		10 GPM		1		Hours Mins	
Static level	Water level end of pumping	Water levels during		<input type="checkbox"/> Pumping		<input checked="" type="checkbox"/> Recovery	
19-21 56	22-24 170	15 minutes 26-28 56	30 minutes 29-31 56	45 minutes 32-34 56	60 minutes 35-37 56		
If flowing give rate		Pump intake set at		Water at end of test			
GPM		feet		<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy			
Recommended pump type		Recommended pump setting		Recommended pump rate			
<input type="checkbox"/> Shallow <input checked="" type="checkbox"/> Deep		170 feet		10 GPM			



54 FINAL STATUS OF WELL			
1 <input checked="" type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished	
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well	
3 <input type="checkbox"/> Test hole	7 <input type="checkbox"/> Abandoned (Other)		
4 <input type="checkbox"/> Recharge well	8 <input type="checkbox"/> Dewatering		

55-56 WATER USE			
1 <input checked="" type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not use	
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other	
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply		
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning		

57 METHOD OF CONSTRUCTION			
1 <input type="checkbox"/> Cable tool	5 <input checked="" type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving	
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging	
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other	
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting		

Name of Well Contractor Arlwood Drilling Ltd	Well Contractor's Licence No. 1119
Address Rt #1 Richmond, Ont	
Name of Well Technician Shannon Purcell	Well Technician's Licence No. 12122
Signature of Technician/Contractor K...	Submission date 19 11 02 day mo yr

MINISTRY USE ONLY	58 Data source		59-62 Contractor		63-68 Date received	
			1119		DEC 23 2002	
	Date of inspection		Inspector			
Remarks		CCS.E02				



Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
All Sections must be completed in full to avoid delays in processing.
Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
All metre measurements shall be reported to 1/10th of a metre.
Please print clearly in blue or black ink only.

Ministry Use Only

Address of well location (County/District/Municipality) 55 Lodge Rd Township Nepean Lot 10411 Concession 1
RR#/Street Number/Name City/Town/Village Ottawa Site/Compartment/Block/Tract etc.

GPS Reading NAD 83 Zone Easting 567020 Northing 51840 Unit Make/Model Mode of Operation: Undifferentiated Averaged Differentiated, specify

Log of Overburden and Bedrock Materials (see instructions)

Table with 6 columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To. The table is currently empty.

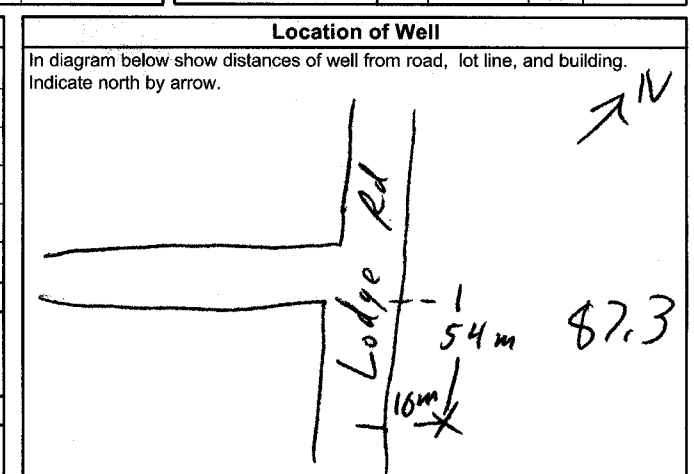
Hole Diameter table with columns: Depth From, Metres To, Diameter Centimetres.

Construction Record table with sections: Casing (Material, Wall thickness), Screen (Outside diam, Slot No.), and No Casing or Screen (Open hole).

Test of Well Yield table with columns: Pumping test method, Draw Down (Time min, Water Level Metres), Recovery (Time min, Water Level Metres).

Water Record table with sections: Water found at (Metres, Kind of Water), After test of well yield, water was (Clear and sediment free, Other), Chlorinated (Yes/No).

Plugging and Sealing Record table with columns: Depth set at (From, To), Material and type, Volume Placed (cubic metres).



Method of Construction table with options: Cable Tool, Rotary (air), Diamond, Digging, Rotary (conventional), Air percussion, Jetting, Other, Rotary (reverse), Boring, Driving.

Water Use table with options: Domestic, Industrial, Public Supply, Other, Stock, Commercial, Not used, Irrigation, Municipal, Cooling & air conditioning.

Final Status of Well table with options: Water Supply, Recharge well, Unfinished, Abandoned (Other), Observation well, Abandoned, insufficient supply, Dewatering, Test Hole, Abandoned, poor quality, Replacement well.

Well Contractor/Technician Information table with fields: Name of Well Contractor, Well Contractor's Licence No., Business Address, Name of Well Technician, Well Technician's Licence No., Signature of Technician/Contractor, Date Submitted.

Audit No. Z 40116, Date Well Completed 2006 02 06, Date Delivered 2006 02 06.

Ministry Use Only table with fields: Data Source, Contractor 4000, Date Received AUG 01 2006, Date of Inspection, Remarks, Well Record Number.

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

Table with columns: MUN, CON, LOT

55 Lodge Rd, Wexham, 10611 Con 1

GPS Reading: NAD 83, Zone, Easting 42513, Northing 56290

Log of Overburden and Bedrock Materials (see instructions)

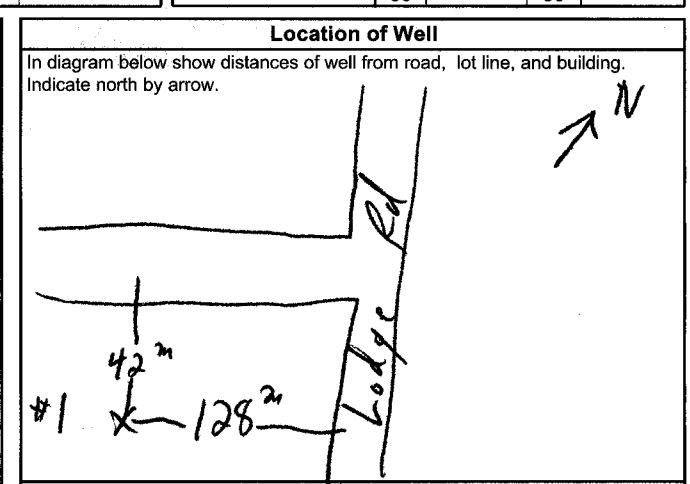
Table with columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To

Hole Diameter, Water Record, Chlorinated

Construction Record, Casing, Screen, No Casing or Screen

Test of Well Yield table with columns: Pumping test method, Draw Down, Recovery

Plugging and Sealing Record



Method of Construction, Water Use, Final Status of Well

Audit No. Z 40117, Date Well Completed 2006 02 06

Well Contractor/Technician Information: Olympic Drilling Co Ltd, Wayne Kenwick

Ministry Use Only: Data Source, Contractor 4006, Date Received AUG 01 2006



Instructions for Completing Form

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- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- All metre measurements shall be reported to 1/10th of a metre.
- Please print clearly in blue or black ink only.

Ministry Use Only

Address of Well Location (County/District/Municipality) 55 Lodge Rd Township Nepean Lot 10011 Concession Con 1
 RR#/Street Number/Name 55 Lodge Rd City/Town/Village Ottawa Site/Compartment/Block/Tract etc.
 GPS Reading NAD 83 Zone Easting 669.90 Northing 762.90 Unit Make/Model Mode of Operation: Undifferentiated Averaged Differentiated, specify

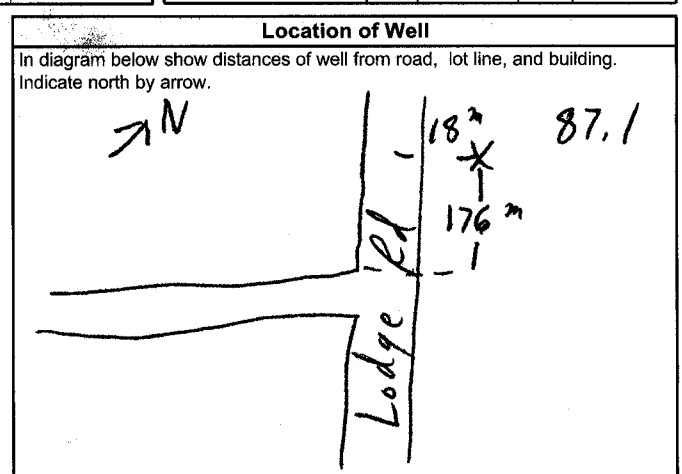
Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth	
				From	Metres To

Hole Diameter			Construction Record				Test of Well Yield					
Depth From	Metres To	Diameter Centimetres	Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Metres To	Pumping test method	Draw Down Time min	Water Level Metres	Recovery Time min	Water Level Metres
Water Record			Casing									
Water found at Metres	Kind of Water		<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass					Pump intake set at - (metres)	Static Level			
<input type="checkbox"/> m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur	<input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals		<input type="checkbox"/> Plastic <input type="checkbox"/> Concrete					Pumping rate - (litres/min)	1		1	
<input type="checkbox"/> Other: _____			<input type="checkbox"/> Galvanized					Duration of pumping _____ hrs + _____ min	2		2	
<input type="checkbox"/> m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur	<input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals		<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass					Final water level end of pumping _____ metres	3		3	
<input type="checkbox"/> Other: _____			<input type="checkbox"/> Plastic <input type="checkbox"/> Concrete					Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep	4		4	
<input type="checkbox"/> m <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur	<input type="checkbox"/> Gas <input type="checkbox"/> Salty <input type="checkbox"/> Minerals		<input type="checkbox"/> Galvanized					Recommended pump depth _____ metres	5		5	
<input type="checkbox"/> Other: _____			<input type="checkbox"/> Steel <input type="checkbox"/> Fibreglass					Recommended pump rate (litres/min)	10		10	
After test of well yield, water was			<input type="checkbox"/> Plastic <input type="checkbox"/> Concrete					15	15		15	
<input type="checkbox"/> Clear and sediment free			<input type="checkbox"/> Galvanized					If flowing give rate - (litres/min)	20		20	
<input type="checkbox"/> Other, specify _____								25	25		25	
Chlorinated <input type="checkbox"/> Yes <input type="checkbox"/> No								If pumping discontinued, give reason.	30		30	
								40	40		40	
								50	50		50	
								60	60		60	

Plugging and Sealing Record Annular space Abandonment

Depth set at - Metres	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
From <u>110'</u> To <u>0'</u>	<u>Neat cement slurry</u>	<u>1.13</u>



Method of Construction

Cable Tool Rotary (air) Diamond Digging

Rotary (conventional) Air percussion Jetting Other

Rotary (reverse) Boring Driving

Water Use

Domestic Industrial Public Supply Other

Stock Commercial Not used

Irrigation Municipal Cooling & air conditioning

Final Status of Well

Water Supply Recharge well Unfinished Abandoned, (Other) Not used

Observation well Abandoned, insufficient supply Dewatering

Test Hole Abandoned, poor quality Replacement well

Well Contractor/Technician Information

Name of Well Contractor Olympic drilling Co Ltd Well Contractor's Licence No. 4006

Business Address (street name, number, city etc.) 6662 Bank St Metcalfe ont

Name of Well Technician (last name, first name) Wayne Renwick Well Technician's Licence No. 327

Signature of Technician/Contractor x Wayne Renwick Date Submitted 2006 02 06

Audit No. Z 40112 Date Well Completed 2006 02 06

Was the well owner's information package delivered? Yes No Date Delivered 2006 02 06

Ministry Use Only

Data Source Contractor 4006

Date Received AUG 01 2006 Date of Inspection

Remarks Well Record Number

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

Table with columns: MUN, CON, LOT. Includes 'Ministry Use Only' header.

GPS Reading, NAD, Zone, Easting, Northing, City/Town/Village, Site/Compartment/Block/Tract etc. Includes handwritten values: 8.3, 565.90, 780.90, Ottawa, 10 d 11 Con 1.

Log of Overburden and Bedrock Materials (see instructions)

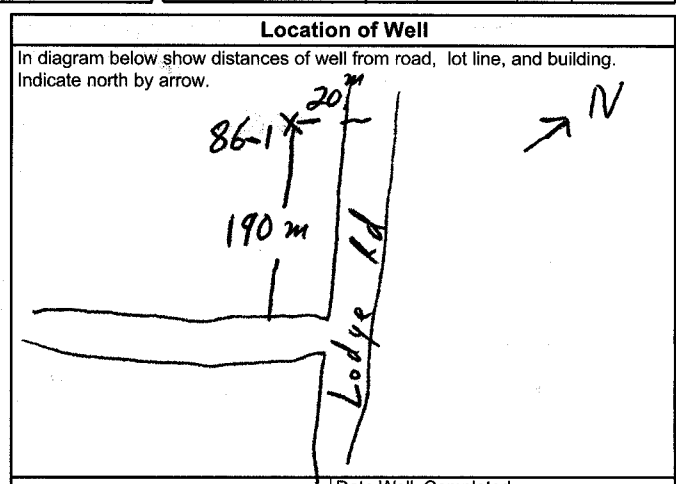
Table with columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To.

Hole Diameter, Water Record. Includes fields for Depth, Metres, Diameter, Water found at, Kind of Water.

Construction Record. Includes sections for Casing, Screen, and No Casing or Screen with material options like Steel, Fibreglass, Plastic, Concrete, Galvanized.

Test of Well Yield. Includes Pumping test method, Draw Down, Recovery, Time min, Water Level Metres, Time min, Water Level Metres.

Plugging and Sealing Record. Includes Depth set at, Material and type, Volume Placed. Handwritten: 26' 0', Neat cement slurry, 0.4.



Method of Construction, Water Use, Final Status of Well. Includes checkboxes for Cable Tool, Rotary, Diamond, Digging, etc.

Audit No. Z 40119, Date Well Completed 2006 02 06, Date Delivered 2006 02 06.

Well Contractor/Technician Information. Includes Name of Well Contractor (Olympic Drilling Co Ltd), Well Contractor's Licence No. (4006), Name of Well Technician (Wayne Kenwick), Well Technician's Licence No. (327).

Ministry Use Only. Includes Data Source, Contractor (4006), Date Received (AUG 01 2006), Date of Inspection, Remarks, Well Record Number.

Master Well Owner's and Land Owner's Information

55 LODGE ROAD **NEPEAN** **11** **1**
 County/District/Municipality City/Town/Village Province Postal Code
CARLETON **MANOTICK** **Ontario**

UTM Coordinates Zone Easting Northing GPS Unit Make Model Mode of Operation:
 NAD 83 **184445785012675** **GARMIN** **38** Undifferentiated Averaged
 Differentiated, specify **GOOGLE EARTH**

Overburden and Bedrock Materials (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (Metres)	
				From	To
BROWN	SAND	CLAY		0.0	0.75
"	SAND	CLAY	LAYERING	0.75	1.5
GRAY	CLAY	SILT		1.5	7.6
	EOH			7.6	

Hole Details

Depth (Metres) From	Depth (Metres) To	Diameter (Centimetres)

Water Use

Public Industrial Not used Other, specify
 Domestic Commercial Dewatering
 Livestock Municipal Monitoring
 Irrigation Test Hole Cooling & Air Conditioning

Method of Construction

Cable Tool Air Percussion Digging
 Rotary (Conventional) Diamond Boring
 Rotary (Reverse) Jetting Other, specify
 Rotary (Air) Driving **PART. AUGER**

Status of Well

Test Hole Abandoned, Insufficient Supply
 Replacement Well Abandoned, Poor Water Quality
 Dewatering Well Other, specify
 Alteration (Construction) Abandoned, other, specify

No Casing and Screen Used **Static Water Level Test**
 Open Hole Yes No **2.0** Metres

Screen

Galvanized Steel Fibreglass Concrete Plastic
 Outside Diameter (Centimetres) Slot No.
6.4 **0.010"**

Water Details

Water found at Depth **2.0** Metres Gas Fresh Salty Sulphur Minerals
 Water found at Depth _____ Metres Gas Fresh Salty Sulphur Minerals
 Water found at Depth _____ Metres Gas Fresh Salty Sulphur Minerals

Disinfected Yes No If no, provide reason: Date Master Well Completed (yyyy/mm/dd)
2009/06/27

Cluster Information (Please also fill out the additional Cluster Well Information for Well Construction for each parcel of land and cluster.)

Total Wells in Cluster	Please indicate Number of Cluster Well Information Log Sheets Submitted
4	
Total Wells on this Property	1

Location of Well Cluster

Detailed Map must be provided as an attachment no larger than legal size (8.5" x 14"). Sketches are not allowed.
 Check box to confirm detailed map is provided as per Section 11.1 (3)

Consent to release additional information concerning the cluster to the Director upon request

Construction Details

Inside Diameter (Centimetres)	Material (steel, plastic, fibreglass, concrete, galvanized)	Wall Thickness	Depth (Metres)	
			From	To
5.0	PVC		0.0	7.6

Annular Space/Abandonment Sealing Record

Depth Set at (Metres)		Type of Sealant Used (Material and Type)	Volume Used (Cubic Metres)
From	To		
0.0	6.2	CONCRETE	
0.2	1.5	BENTONITE	
1.5	7.6	SAND	
	7.6	EOH	

Well Contractor and Well Technician Information

Business Name of Well Contractor **SONIC SOIL SAMPLING INC.** Well Contractor's Licence No. **7 1 4 7**
 Business Address (Street No./Name, number, RR) Municipality
668 MILLWAY AVENUE **YORK**
 Province Postal Code Business E-mail Address
ONTARIO **L4K 3V2** **sonic@sonicsoil.com**
 Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name)
9056600501 **ARCHIBALD, ALAN**
 Well Technician's Licence No. Signature of Technician Date Submitted (yyyy/mm/dd)
2 8 8 1 **2009/07/03**

Audit No. **M 04171** Well Contractor No. _____
 Date Received **JUL 17 2009** Date of Inspection (yyyy/mm/dd) _____
 Remarks _____

Address of Well Location (Street Number/Name, RR) 55 LODGE ROAD			Lot 11	Concession 1	Township NEPEAN	County/District/Municipality CARLETON	Signature of Technician/Contractor <i>[Signature]</i>		Date (yyyy/mm/dd) 2009/07/03
City/Town/Village MANOTICK		Province Ontario	Postal Code	GPS Unit Make GARMIN	Model 38	Unit Mode of Operation <input checked="" type="checkbox"/> Differentiated, specify: GOOGLE EARTH	<input type="checkbox"/> Undifferentiated	<input type="checkbox"/> Averaged	

Well # on Sketch	UTM Coordinates		Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Interval (metres)		Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
	Zone	Easting						Northing	From					
MW1	18	4445785012675	7.6	11.4	AUGER	PVC	1.5	1.5	7.6	BENTONITE	2.0		M&E TAG	2009/06/24
2		571	672	4.6					4.6					
3		560	673	4.6										
4		550	684	4.6									ASPHALT GROUND COVER	

Well Contractor and Well Technician Information			
Business Name of Well Contractor SONIC SOIL SAMPLING INC		Business Address (Street Number/Name, RR) 668 MILLWAY AVENUE	
Municipality YOKE		Province ONTARIO	
Postal Code L4K3V2	Business Telephone No. (inc. area code) 905 660 0501	Well Contractor's Licence No. 7147	Business E-mail Address sonic@sonicsoil.com
Name of Well Technician (First Name, Last Name) AVAN ACKERMAN		Well Technician's Licence No. 2881	Date Submitted (yyyy/mm/dd) 2009/07/03
Signature of Technician <i>[Signature]</i>			

Date 1st Well in Cluster Constructed (yyyy/mm/dd) 2009/06/24	Date Last Well in Cluster Constructed (yyyy/mm/dd) 2009/06/24
Ministry Use Only	
Date Received (yyyy/mm/dd)	Date Inspected (yyyy/mm/dd)
Audit No. JUL 17 2009 C 03988	Remarks M&E



JUL 17 2009

C-7147
M04171
C03288

Measurements recorded in: Metric Imperial

Page _____ of _____

N/A

Well Owner's Information

First Name: _____ Last Name / Organization: City of Ottawa E-mail Address: Concrete USL Ltd. Well Constructed by Well Owner

Mailing Address (Street Number/Name): 135 Commercial Road Municipality: Bolton Ont Province: ON Postal Code: L7E 1R6 Telephone No. (inc. area code): _____

Well Location

Address of Well Location (Street Number/Name): # 686 River Road Township: Gloucester Lot: 20 Concession: B.F. (R.F.)

County/District/Municipality: Ottawa-Carleton City/Town/Village: Gloucester Province: Ontario Postal Code: _____

UTM Coordinates: Zone: 18 Easting: 4499 Northing: 5013175 Municipal Plan and Sublot Number: Plan 4R-20502 Part 2 Other: _____

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
			<u>Well Abandonment 1 1/4" drilled</u>	<u>0'</u>	<u>15'</u>

** Being part of Pin 04589-0424 **

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
<u>15'</u>	<u>0'</u>	<u>Neat Portland Grout</u>	<u>4.2</u>

Method of Construction

Cable Tool Diamond Public Commercial Not used

Rotary (Conventional) Jetting Domestic Municipal Dewatering

Rotary (Reverse) Driving Livestock Test Hole Monitoring

Boring Digging Irrigation Cooling & Air Conditioning

Air percussion Industrial Other, specify _____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
					<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input checked="" type="checkbox"/> Abandoned, other, specify <u>Construction Area</u> <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)	
			From	To

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Hole Diameter						
		<table border="1"> <thead> <tr> <th>Depth (m/ft) From</th> <th>To</th> <th>Diameter (cm/in)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Depth (m/ft) From	To	Diameter (cm/in)			
Depth (m/ft) From	To	Diameter (cm/in)						

Well Contractor and Well Technician Information

Business Name of Well Contractor: AIR LOCK DRILLING CO LTD 1119 Well Contractor's Licence No.: _____

Business Address (Street Number/Name): Rte 1 Municipality: RICHMOND

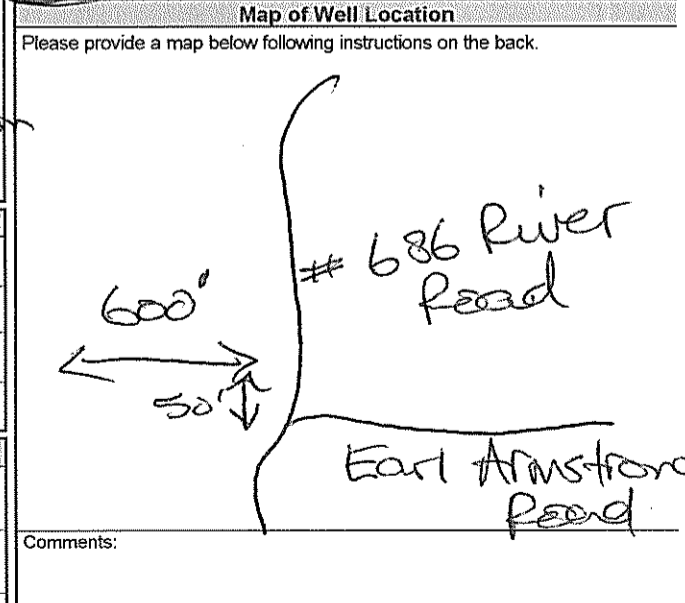
Province: ONT Postal Code: K0A2K0 Business E-mail Address: _____

Bus. Telephone No. (inc. area code): 613 838 2110 Name of Well Technician (Last Name, First Name): To Desauviers Ken

Well Technician's Licence No.: 14 Signature of Technician and/or Contractor: [Signature] Date Submitted: 2010/1/29

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Pump intake set at (m/ft): _____ Pumping rate (l/min / GPM): _____ Duration of pumping: _____ hrs + _____ min Final water level end of pumping (m/ft): _____ If flowing give rate (l/min / GPM): _____ Recommended pump depth (m/ft): _____ Recommended pump rate (l/min / GPM): _____ Well production (l/min / GPM): _____ Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Static Level			
	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
10		10		
15		15		
20		20		
25		25		
30		30		
40		40		
50		50		
60		60		



Well owner's information package delivered: Yes No

Date Package Delivered: 20100812

Date Work Completed: _____

Ministry Use Only

Audit No.: z119955

Received: DEC 29 2010



Measurements recorded in: Metric Imperial

Page _____ of _____

N/A

Well Owner's Information

First Name: City of Ottawa, Last Name / Organization: Concrete USL Ltd, Mailing Address: 135 Commercial Road Bolton Ont, Telephone No.: 416 471 1861

Well Location

Address of Well Location: # 35 Lodge Road, Township: Nepean, Lot: 11+12, Concession: 1RF, County: Ottawa-Carleton, City: Nepean, Province: Ontario, Postal Code: _____

Overburden and Bedrock Materials/Abandonment Sealing Record

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Entry: Monitoring Well Abandonment (2 1/4") 0' 66'

Being all of Pin 04589-1591

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used, Volume Placed. Entry: 66' 6" Quick Grent, 6' 0" Backfill

Method of Construction and Well Use checkboxes. Includes options like Cable Tool, Rotary, Boring, etc.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To, Status of Well.

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To, Status of Well.

Water Details and Hole Diameter tables. Includes fields for Water found at Depth, Kind of Water, Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician Information. Includes Business Name: Air Rock Drilling Co Ltd, Business Address: RR#1 Richmond, Province: ONT, Postal Code: K0A2Z0, Name of Well Technician: Desautiers, Date Submitted: 2010/11/29.

Results of Well Yield Testing table. Includes columns: Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production.

Map of Well Location. Includes a hand-drawn map showing 'Woodruffe Ave', 'Prince of Wales Dr.', and 'Lodge Road'. A distance of '0.7KM' is marked. Includes a 'Disinfected?' checkbox (checked Yes) and 'Comments' field.



Measurements recorded in: Metric Imperial

Page ___ of ___

N/A

Well Owner's Information

First Name: City of Ottawa, Last Name/Organization: Clo Concrete USL Ltd, E-mail Address: [redacted], Mailing Address: 135 Commercial Road, Municipality: Nepean, Province: Ontario, Postal Code: K1R 1R6, Telephone No.: [redacted]

Well Location

Address of Well Location: #55 Lodge Road, Township: Nepean, Lot: U+12, Concession: R.F., County/District/Municipality: Ottawa-Carleton, City/Town/Village: Nepean, Province: Ontario, Postal Code: [redacted], UTM Coordinates: NAD 83 18444817 5013189, Municipal Plan and Sublot Number: Plan AR-20870, Other: Part 12

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Entry: 1 1/4" Monitoring well Abandonment Multi-level, 0' to 60'.

* Being all of Pin 04589-1591 *

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Entry: 60' to 10', Portland Slurry, Backfill.

Method of Construction and Well Use checkboxes. Method of Construction: Cable Tool, Rotary, Boring, etc. Well Use: Commercial, Municipal, Monitoring, etc.

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To, Status of Well.

Water Details and Hole Diameter tables. Water Details: Depth, Kind of Water (Fresh, Untested, Gas, Other). Hole Diameter: Depth, Diameter.

Well Contractor and Well Technician Information. Business Name: Air Rock Drilling Co Ltd, Well Contractor's Licence No.: 1119, Business Address: RR#1, Municipality: Richmond, Province: ONT, Postal Code: K0A2Z0, Business E-mail Address: [redacted], Name of Well Technician: Desautiers Ken, Signature: [redacted], Date Submitted: 21/01/2009.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production.

Map of Well Location: Please provide a map below following instructions on the back. Includes handwritten map showing Woodroffe Ave, Prince of Wales Drive, and Lodge Road with distances like 0.7KM and 445'.



Measurements recorded in: Metric Imperial

Page ___ of ___

N/A

Well Owner's Information

First Name: City of Ottawa, Last Name / Organization: G/O Concrete USL, E-mail Address: [blank], Mailing Address: 35 Commercial Road, Bolton Ont, Telephone No.: 474126

Well Location

Address of Well Location: #55 Lodge Road, Township: Nepean, Lot: 1412, Concession: R.F., County/District/Municipality: Ottawa-Carleton, City/Town/Village: Nepean, Province: Ontario, Postal Code: [blank], UTM Coordinates: NAD 83, Zone: 18, Easting: 4817, Northing: 5013489, Municipal Plan and Sublot Number: Plan 4R-20870, Other: Part 12

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Entry: 1 1/4" Monitoring well Abandonment 0' 30'. Includes handwritten note: * Being old of Pin 04589-1591 *

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Entry: 30' 0' Hole Plug

Method of Construction and Well Use checkboxes. Method of Construction includes Cable Tool, Rotary, Boring, etc. Well Use includes Public, Commercial, Domestic, etc.

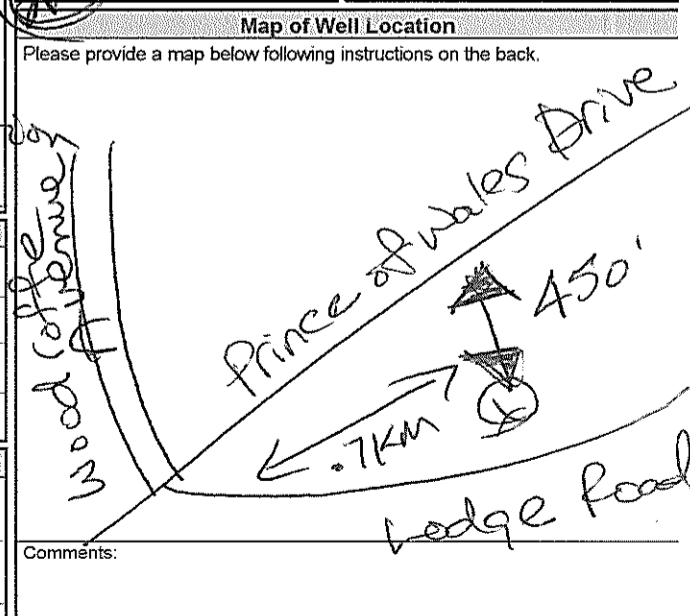
Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well. Status of Well includes Water Supply, Replacement Well, etc.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To, Status of Well. Status of Well includes Abandoned, Insufficient Supply, etc.

Water Details and Hole Diameter tables. Water Details includes Water found at Depth, Kind of Water. Hole Diameter includes Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician Information. Business Name: AIR PACK DRILLING CO LTD, Business Address: RR#1, Municipality: Richmond, Province: ONT, Postal Code: K0A 2Z0, Business E-mail Address: [blank], Bus. Telephone No.: 613 8382170, Name of Well Technician: Desautiers Ken, Well Technician's Licence No.: [blank], Signature of Technician and/or Contractor: [Signature], Date Submitted: 2010/11/29

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes checkboxes for After test of well yield, water was: Clear and sand free, etc.



Ministry Use Only section. Audit No.: z119958, Date Work Completed: 20100804, Received: DEC 29 2010

Well Location

Address of Well Location (Street Number/Name) #18 Lodge Road
 Township Ottawa P/L10 Concession 1 R.F.
 County/District/Municipality Ottawa-Carleton City/Town/Village Ottawa Province Ontario Postal Code
 UTM Coordinates Zone Easting Northing NAD 8 3 184444735012277 Municipal Plan and Sublot Number Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From To
	Grey Clay			0' 35'
	Sand, Gravel, Boulders & Silt Mix			35' 66'
	Grey limestone			66' 188'
	Grey + White Sandstone			188' 328'
	Green, Red, White + Black Granite			328' 500'

Well # 2

Annular Space

Depth Set at (m/ft) From To	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
68' 58'	Neat Cement Slurry	9.36
58' 0'	Neat Bentonite Slurry	37.8

Method of Construction Well Use

Cable Tool Diamond Public Commercial Not used
 Rotary (Conventional) Jetting Domestic Municipal Dewatering
 Rotary (Reverse) Driving Livestock Test Hole Monitoring
 Boring Digging Irrigation Cooling & Air Conditioning
 Air percussion Industrial Other, specify
 Other, specify

Construction Record - Casing Status of Well

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From To	Status of Well
6"	Steel	.188"	12' 68'	<input checked="" type="checkbox"/> Water Supply
6"	Open Hole		68' 500'	<input type="checkbox"/> Replacement Well

Test Hole
 Recharge Well
 Dewatering Well
 Observation and/or Monitoring Hole
 Alteration (Construction)
 Abandoned, Insufficient Supply
 Abandoned, Poor Water Quality
 Abandoned, other, specify
 Other, specify

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From To

Water Details Hole Diameter

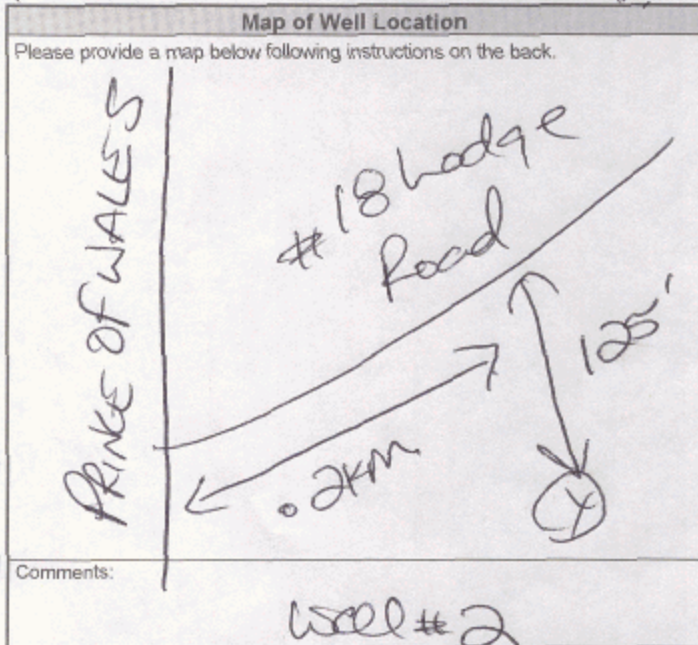
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Untested	Depth (m/ft) From To	Diameter (cm/in)
336 (m/ft)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	0' 500'	6"
428 (m/ft)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		
455 (m/ft)	<input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		

Well Contractor and Well Technician Information

Business Name of Well Contractor AIR LOCK DRILLING CO LTD 1119 Well Contractor's Licence No.
 Business Address (Street Number/Name) RR#1 RICHMOND Municipality
 Province ONT Postal Code K0A2Z0 Business E-mail Address
 Bus. Telephone No. (inc. area code) 613 838 2170 Name of Well Technician (Last Name, First Name) GRATTAM RYAN
 Well Technician's Licence No. J3484 Signature of Technician and/or Contractor Date Submitted 20110409

Results of Well Yield Testing

After test of well yield, water was:	Draw Down		Recovery	
<input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
NOT TESTED				
If pumping discontinued, give reason:	Static Level	7' 7"		126' 9"
	1	16' 7"	1	110' 3"
Pump intake set at (m/ft) 300'	2	27' 2"	2	98' 8"
Pumping rate (l/min / GPM) 15	3	35' 7"	3	80' 8"
Duration of pumping 1 hrs + 0 min	4	42' 1"	4	79' 9"
Final water level end of pumping (m/ft) 126' 9"	5	48' 6"	5	66' 2"
If flowing give rate (l/min / GPM)	10	75' 5"	10	37' 1"
	15	87' 2"	15	29'
Recommended pump depth (m/ft) 200'	20	98' 6"	20	18' 6"
Recommended pump rate (l/min / GPM) 15	25	104' 7"	25	12' 3"
Well production (l/min / GPM) 15	30	110'	30	7' 7"
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	40	118' 2"	40	
	50	121' 7"	50	
	60	126' 9"	60	




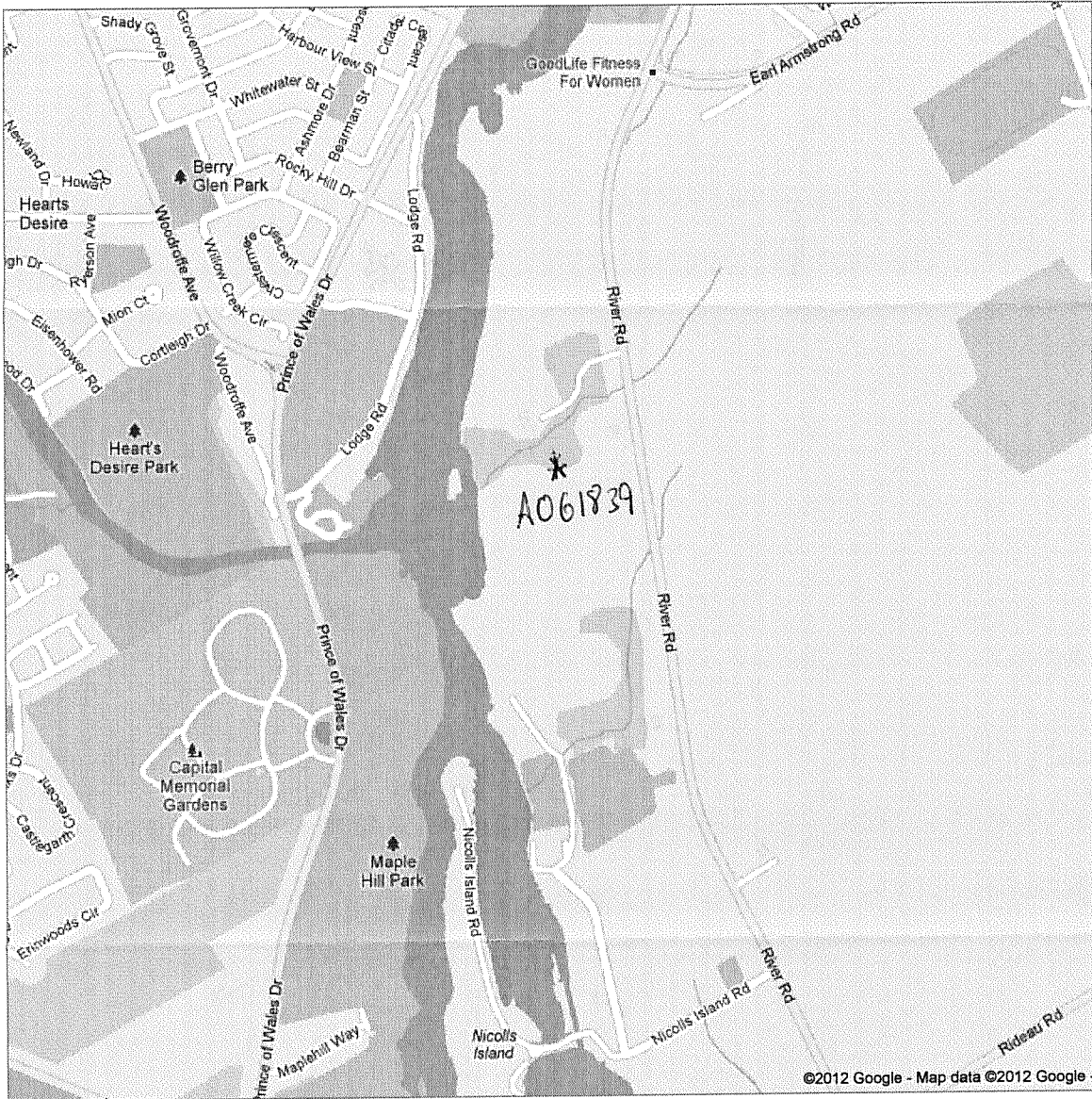
Comments: Well # 2

Well owner's information package delivered	Date Package Delivered	Ministry Use Only
<input checked="" type="checkbox"/> Yes	20110309	Audit No. z119809
<input type="checkbox"/> No	20110301	Received MAY 18 2011



Address

Get Google Maps on your phone
 Text the word "GMAPS" to 466453

C-6894
2126082

Well ID

Well ID Number: 7237540
Well Audit Number: Z195930
Well Tag Number: A170557

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	671 RIVER RD
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445198.00 Northing: 5013135.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	SAND		0 m	.61 m
BRWN	SILT	FSND		.61 m	2.44 m
BRWN	SILT	FSND		2.44 m	4.57 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/FLUSHMOUNT	

.31 m 1.22 m BENTONITE
1.22 m 4.57 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	1.5 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	1.5 m	4.57 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
-----------------------------	-------------

Hole Diameter

Depth From	Depth To	Diameter
0 m	4.57 m	8.25 cm

Audit Number: Z195930

Date Well Completed: January 08, 2015

Date Well Record Received by MOE: February 16, 2015

Well ID

Well ID Number: 7237541
Well Audit Number: Z195929
Well Tag Number: A170556

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	671 RIVER RD
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445185.00 Northing: 5013157.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	SAND	SOFT	0 m	.61 m
BRWN	SILT	FSND	SOFT	.61 m	2.44 m
BRWN	SILT	FSND	SOFT	2.44 m	4.57 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE/FLUSHMOUNT	

.31 m 1.22 m BENTONTE
1.22 m 4.57 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	1.5 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	1.5 m	4.57 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
0 m	4.57 m	8.25 cm

Audit Number: Z195929

Date Well Completed: January 08, 2015

Date Well Record Received by MOE: February 16, 2015

Well ID

Well ID Number: 7237542
Well Audit Number: Z195921
Well Tag Number: A170558

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	671 RIVER RD
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445210.00 Northing: 5013120.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	GRVL	SAND	SOFT	0 m	.61 m
BRWN	SILT	FSND	SOFT	.61 m	2.44 m
BRWN	SILT	FSND	SOFT	2.44 m	4.57 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE FLUSHMOUNT	

.31 m 1.22 m BENTONITE
1.22 m 4.57 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

Status of Well

Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	1.5 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	1.5 m	4.57 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
-----------------------------	-------------

Hole Diameter

Depth From	Depth To	Diameter
0 m	4.57 m	8.25 cm

Audit Number: Z195921

Date Well Completed: January 08, 2015

Date Well Record Received by MOE: February 16, 2015

Well ID

Well ID Number: 7253974
Well Audit Number: Z214891
Well Tag Number: A165606

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	761 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445198.00 Northing: 5013127.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
GREY	GRVL	LOOS		0 m	.61 m
BRWN	CLAY	SNDY	SOFT	.61 m	3.1 m
BRWN	CLAY	SILT	SOFT	3.1 m	4.57 m
GREY	CLAY	SILT	SOFT	4.57 m	7.62 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-------------------	-----------------	---	----------------------

0 m .31 m CONCRETE/FLUSHMOUNT
.31 m 3.96 m BENTONITE
3.96 m 7.62 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.57 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.57 m	7.62 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
-----------------------------	-------------

Hole Diameter

Depth From	Depth To	Diameter
0 m	7.62 m	15.24 cm

Audit Number: Z214891

Date Well Completed: November 17, 2015

Date Well Record Received by MOE: December 10, 2015

Well ID

Well ID Number: 7253975
Well Audit Number: Z214889
Well Tag Number: A175529

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	761 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445203.00 Northing: 5013154.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	GRVL	LOOS		0 m	.61 m
BRWN	CLAY	SNDY	SOFT	.61 m	3.1 m
BRWN	CLAY	SILT	SOFT	3.1 m	4.57 m
GREY	CLAY	SILT	SOFT	4.57 m	7.01 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-------------------	-----------------	---	----------------------

0 m .31 m CONCRETE/FLUSHMOUNT
.31 m 3.35 m BENTONITE
3.35 m 7.01 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.96 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.96 m	7.01 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
-----------------------------	-------------

Hole Diameter

Depth From	Depth To	Diameter
0 m	7.01 m	15.24 cm

Audit Number: Z214889

Date Well Completed: November 17, 2015

Date Well Record Received by MOE: December 10, 2015

Well ID

Well ID Number: 7253976
Well Audit Number: Z214890
Well Tag Number: A175528

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	761 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445187.00 Northing: 5013157.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BLCK	GRVL	LOOS		0 m	.61 m
BRWN	CLAY	SNDY	SOFT	.61 m	3.1 m
BRWN	CLAY	SILT	SOFT	3.1 m	4.57 m
GREY	CLAY	SILT	SOFT	4.57 m	7.01 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-------------------	-----------------	---	----------------------

0 m .31 m CONCRETE/FLUSHMOUNT
.31 m 3.35 m BENTONITE
3.35 m 7.01 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
Direct Push	Monitoring and Test Hole

Status of Well

Observation Wells

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	3.96 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.96 m	7.01 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
0 m	7.01 m	15.24 cm

Audit Number: Z214890

Date Well Completed: November 17, 2015

Date Well Record Received by MOE: December 10, 2015



Measurements recorded in: Metric Imperial

A190864 Tag #: A190864

Regulation 903 Ontario Water Resources Act S-19030 Page of

Well Owner's Information

First Name, Last Name / Organization, E-mail Address, Mailing Address (Street Number/Name), Municipality, Province, Postal Code, Telephone No. (inc. area code)

Well Location

Address of Well Location (Street Number/Name), Township, Lot, Concession, County/District/Municipality, City/Town/Village, Province, Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To

Annular Space table with columns: Depth Set at (m/ft) From, To, Type of Sealant Used (Material and Type), Volume Placed (m³/ft³)

Results of Well Yield Testing table with columns: Draw Down, Recovery, Time (min), Water Level (m/ft)

Method of Construction, Well Use checkboxes

Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To

Water Details table with columns: Water found at Depth (m/ft), Kind of Water, Hole Diameter table

Well Contractor and Well Technician Information form

Map of Well Location form with a hand-drawn map showing a 40m x 60m area near a river.

Well owner's information package delivered, Date Work Completed, Well Technician's Licence No., Signature of Technician and/or Contractor, Date Submitted

Ministry Use Only form with Audit No. 2233077

Measurements recorded in: Metric Imperial

A190865 Tag#: **A190865**

Regulation 903 Ontario Water Resources Act S-19030 Page ____ of ____

Well Owner's Information

First Name: _____ Last Name / Organization: City of Ottawa E-mail Address: _____ Well Constructed by Well Owner

Mailing Address (Street Number/Name): 110 Laurier Avenue, 5th Floor Municipality: Ottawa Province: ON Postal Code: K1P1J1 Telephone No. (inc. area code): _____

Well Location

Address of Well Location (Street Number/Name): 680 River Road Township: _____ Lot: _____ Concession: _____

County/District/Municipality: _____ City/Town/Village: Ottawa Province: **Ontario** Postal Code: _____

UTM Coordinates: Zone: 18 Easting: 445640 Northing: 5913166 Municipal Plan and Sublot Number: _____ Other: _____

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BRN	top soil		soft	0	.31
BRN	clay	silt, sand	soft	.31	3.96
GRY	clay	silt stones	dense	3.96	12.5
BRN	sand	silt, gravel	dense	12.5	14.63

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0	.31	flushment/concrete	
.31	11.28	bentonite	
11.28	14.63	ritter sand	

Results of Well Yield Testing

After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: Pump intake set at (m/ft) Pumping rate (l/min / GPM) Duration of pumping _____ hrs + _____ min Final water level end of pumping (m/ft) If flowing give rate (l/min / GPM) Recommended pump depth (m/ft) Recommended pump rate (l/min / GPM) Well production (l/min / GPM) Disinfected? <input type="checkbox"/> Yes <input type="checkbox"/> No	Static Level			
	1		1	
	2		2	
	3		3	
	4		4	
	5		5	
10		10		
15		15		
20		20		
25		25		
30		30		
40		40		
50		50		
60		60		

Method of Construction

<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input checked="" type="checkbox"/> Test Hole	<input checked="" type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input checked="" type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify _____		<input type="checkbox"/> Other, specify _____		

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
4.03	PVC	.368	0	11.58	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		Status of Well
			From	To	
4.82	PVC	10	11.58	14.63	<input type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input checked="" type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify _____ <input type="checkbox"/> Other, specify _____

Water Details

Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify _____	Depth (m/ft) From	Depth (m/ft) To	Diameter (cm/in)
		0	14.63	1.43

Well Contractor and Well Technician Information

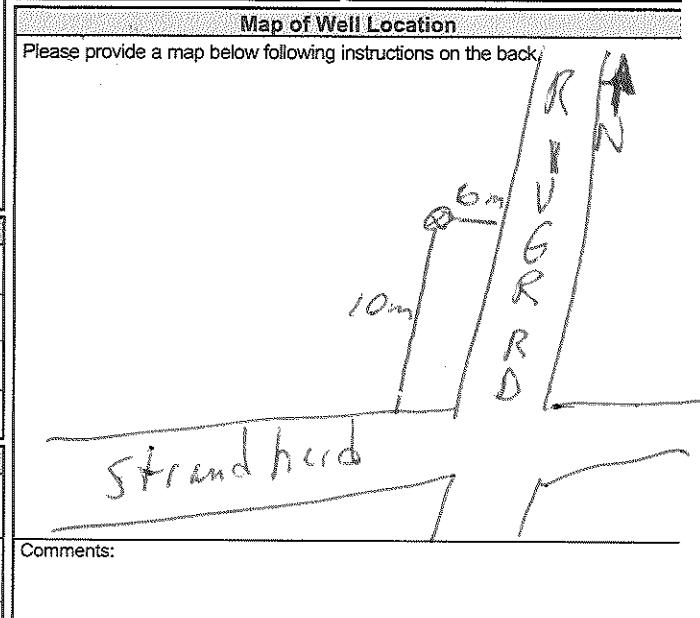
Business Name of Well Contractor: Strata Drilling Group Well Contractor's Licence No.: 72241

Business Address (Street Number/Name): 165 Shields Court Municipality: Markham

Province: ON Postal Code: L3R9V2 Business E-mail Address: awrecords@strataoil.com

Bus. Telephone No. (inc. area code): 9059407919 Name of Well Technician (Last Name, First Name): M. Log, JAMES

Well Technician's Licence No.: 3656 Signature of Technician and/or Contractor: _____ Date Submitted: 20160907



Comments: _____

Well owner's information package delivered <input type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered Y Y Y Y M M D D <u>20160907</u>	Date Work Completed <u>20160907</u>	Ministry Use Only
	Audit No.: <u>2233076</u>		

Received: SEP 22 2016



Measurements recorded in: Metric Imperial

A190859

Tag#: A190859

S-19030 Page of

Well Owner's Information

First Name, Last Name / Organization (City of Ottawa), E-mail Address, Mailing Address (110 Laurier Avenue, 5th Floor), Municipality (Ottawa), Province (ON), Postal Code (K1P1J1), Telephone No.

Well Location

Address of Well Location (630 River Road), Township, Lot, Concession, County/District/Municipality (Ottawa), City/Town/Village (Ottawa), Province (Ontario), Postal Code, UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other.

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entries for BRN top soil, BRN clay, GRN silt.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Includes handwritten entries for concrete/flushmont, bentonite, filter sand.

Method of Construction and Well Use section with checkboxes for Cable Tool, Rotary, Boring, etc., and Public, Commercial, etc. Includes handwritten 'Aired Push'.

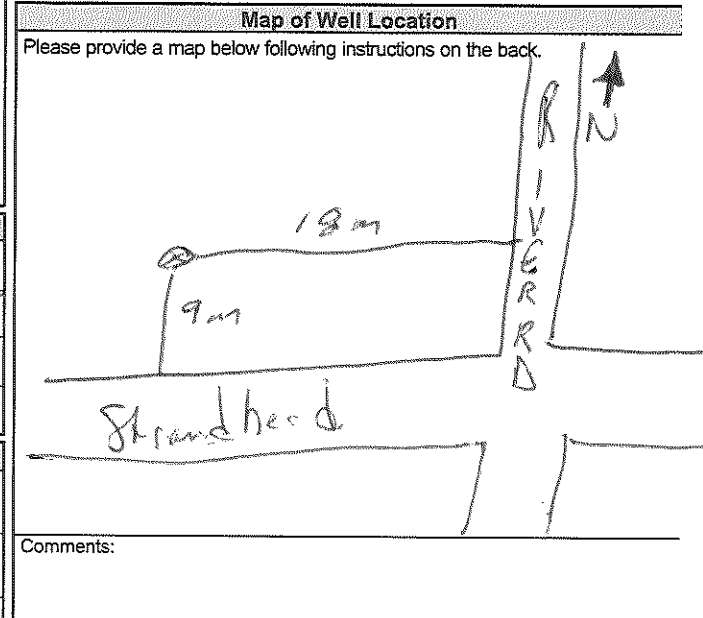
Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To, Status of Well. Includes handwritten entries for PVC casing.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To, Status of Well. Includes handwritten entries for PVC screen.

Water Details and Hole Diameter section with checkboxes for Fresh, Untested, Gas, etc., and columns for Depth (m/ft) and Diameter (cm/in).

Well Contractor and Well Technician Information section with fields for Business Name (Strata Drilling Group), Business Address (165 Shields Court), Province (ON), Postal Code (K1R1G8), Business E-mail Address, Well Contractor's Licence No., Municipality (Markham), Name of Well Technician (James), Signature, Date Submitted (2016-09-07).

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level), Pumping rate, Duration of pumping, Final water level end of pumping, If flowing give rate, Recommended pump depth, Recommended pump rate, Well production, Disinfected? Includes handwritten data for draw down and recovery.



Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed, Ministry Use Only (Audit No. 2233042, Received).

Well ID

Well ID Number: 7280109
Well Audit Number: Z214972
Well Tag Number: A191170

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445033.00 Northing: 5013166.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.31 m
BRWN	CLAY	GRVL	SOFT	.31 m	2.13 m
BRWN	CLAY	SAND	SOFT	2.13 m	6.4 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 3.1 m BENTONITE
3.1 m 6.4 m FILTER SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.26 cm	PLASTIC	0 m	3.35 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	3.35 m	6.4 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping

Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
0 m	7.62 m	11.43 cm

Audit Number: Z214972

Date Well Completed: December 12, 2016

Date Well Record Received by MOE: February 02, 2017

Well ID

Well ID Number: 7280110
Well Audit Number: Z214971
Well Tag Number: A191180

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445020.00 Northing: 5013199.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.31 m
BRWN	CLAY	GRVL	SOFT	.31 m	1.82 m
BRWN	CLAY	SAND	SOFT	1.82 m	7.62 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	CONCRETE	

.31 m 4.27 m BENTONITE
4.21 m 7.62 m FILTER SAND

Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	Monitoring and Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5.2 cm	PLASTIC	0 m	4.57 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	4.57 m	7.62 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
-----------------------------	-------------

Hole Diameter

Depth From	Depth To	Diameter
0 m	7.62 m	11.43 cm

Audit Number: Z214971

Date Well Completed: December 12, 2016

Date Well Record Received by MOE: February 02, 2017

Well ID

Well ID Number: 7280111
Well Audit Number: Z214976
Well Tag Number: A191171

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445010.00 Northing: 5013179.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	LOAM		SOFT	0 m	.31 m
BRWN	CLAY	GRVL	SOFT	.31 m	1.82 m
BRWN	CLAY	SAND	SOFT	1.82 m	11.89 m
GREY	SILT	SAND	DNSE	11.89 m	14.02 m

Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
-------------------	-----------------	---	----------------------

0 m .31 m FLUSHMOUNT
.31 m 10.97 m BENSEAL
10.91 m 14.02 m SAND

Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

Status of Well

Monitoring and Test Hole

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC	0 m	10.97 m

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	10.97 m	14.02 m

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at

Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth
Recommended pump rate
Well Production
Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
-----------------------------	-------------

Hole Diameter

Depth From	Depth To	Diameter
0 m	14.02 m	11.43 cm

Audit Number: Z214976

Date Well Completed: December 14, 2016

Date Well Record Received by MOE: February 02, 2017



Measurements recorded in: Metric Imperial

A228340

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Well Owner's Information

First Name, Last Name / Organization (TORONTO INSPECTION LTD), E-mail Address, Mailing Address (110 Konrad Crescent), Municipality (MARKHAM), Province (ON), Postal Code (L3R 9X2), Telephone No. (949 8509)

Well Location

Address of Well Location (671 River Rd), Township (NEPEAN), City/Town/Village (CITAWA), Province (Ontario), Postal Code (K1V 2G2), UTM Coordinates (Zone 18, Easting 45233, Northing 90113284)

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes entries for Brown Sand and Grey clay.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Bentonite, Sand); Volume Placed (m³/ft³).

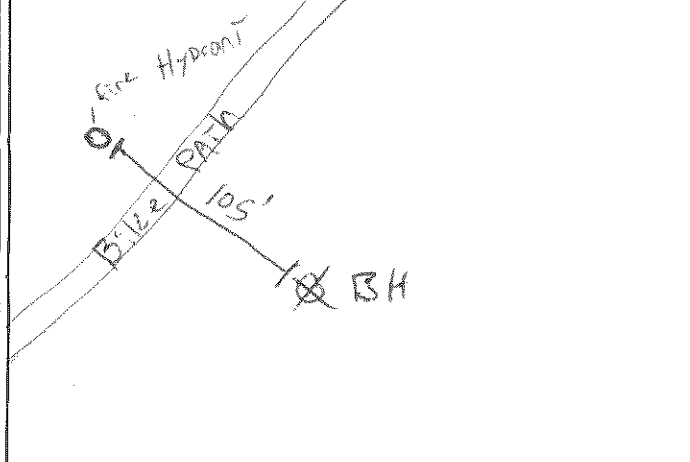
Method of Construction and Well Use checkboxes. Includes options for Cable Tool, Rotary, Boring, etc.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To. Includes Status of Well checkboxes.

Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes pumping rate and duration data.

Map of Well Location



Water Details and Hole Diameter tables. Water found at depth (0, 10, 20 m/ft) and hole diameter (3 5/8 cm/in).

Well Contractor and Well Technician Information. Includes business name (Force Grenville Drilling), address (141 Queen), and technician (Tyler Baccardax).

Comments, Well owner's information package delivered, Date Package Delivered, Date Work Completed, and Ministry Use Only (Audit No. 2261468, JUL 19 2017).



Measurements recorded in: Metric Imperial

Page _____ of _____

A 228 338

Well Owner's Information

First Name, Last Name / Organization (TORONTO INSPECTION LTD), E-mail Address, Mailing Address (110 KONRAD CRESCENT), Municipality (MARKHAM), Province (ON), Postal Code (L3R 9X2), Telephone No. (905) 940-8509

Well Location

Address of Well Location (671 RIVER RD), Township (NEPEAN), City/Town/Village (OTTAWA), Province (Ontario), Postal Code (K1V 2G2), UTM Coordinates, Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes entries for Brown Gravel/Sand and Gray Clay.

Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Includes entries for Bentonite and Sand.

Method of Construction and Well Use checkboxes. Includes options like Cable Tool, Rotary, Boring, and various well uses such as Public, Commercial, Test Hole, etc.

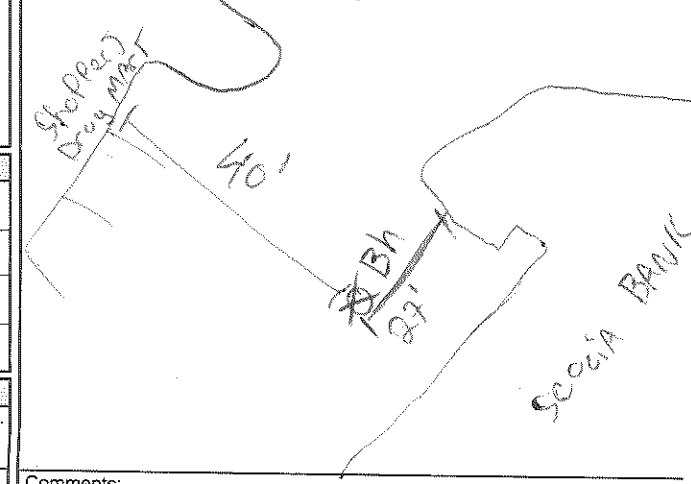
Construction Record - Casing table with columns: Inside Diameter (cm/in), Open Hole OR Material, Wall Thickness (cm/in), Depth (m/ft) From, To. Includes entry for 2" Plastic casing from 0 to 10'.

Construction Record - Screen table with columns: Outside Diameter (cm/in), Material, Slot No., Depth (m/ft) From, To. Includes entry for 2" Plastic screen from 10' to 20'.

Status of Well checkboxes. Includes options like Water Supply, Replacement Well, Test Hole, Observation and/or Monitoring Hole, etc.

Results of Well Yield Testing table. Includes columns for Draw Down (Time, Water Level) and Recovery (Time, Water Level). Includes data for pumping rate, duration, and final water level.

Map of Well Location



Water Details and Hole Diameter tables. Includes columns for Water found at Depth, Kind of Water, Depth (m/ft) From, To, and Diameter (cm/in).

Well Contractor and Well Technician Information. Includes Business Name (Forge Granite Drilling), Well Contractor's Licence No. (7151719), Business Address (141 Queen), Municipality (Grenville), Province (QC), Postal Code (J1O 1V1), Business E-mail Address (tbaccardax@g-nvnc.co), Name of Well Technician (Tyler Baccardax), Well Technician's Licence No. (13191511), Signature, Date Submitted (20170712).

Comments:

Well owner's information package delivered (Yes/No), Date Package Delivered (YYYYMMDD), Date Work Completed (20170706).

Ministry Use Only. Audit No. 2261469, Received JUL 19 2017.



Measurements recorded in: Metric Imperial

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A228339

Well Owner's Information

First Name, Last Name / Organization (TORONTO INSPECTION LTD), E-mail Address, Well Constructed by Well Owner

Mailing Address (Street Number/Name), Municipality (MARKHAM), Province (ON), Postal Code (L3R9X2), Telephone No. (905) 940-9909

Well Location

Address of Well Location (Street Number/Name), Township (NEPEAN), Lot, Concession

County/District/Municipality (OTTAWA), City/Town/Village (OTTAWA), Province (Ontario), Postal Code (K1H2B2)

UTM Coordinates Zone, Easting, Northing, Municipal Plan and Sublot Number, Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

Table with columns: General Colour, Most Common Material, Other Materials, General Description, Depth (m/ft) From, To. Includes handwritten entries for Brown sand/silt and Gray clay.

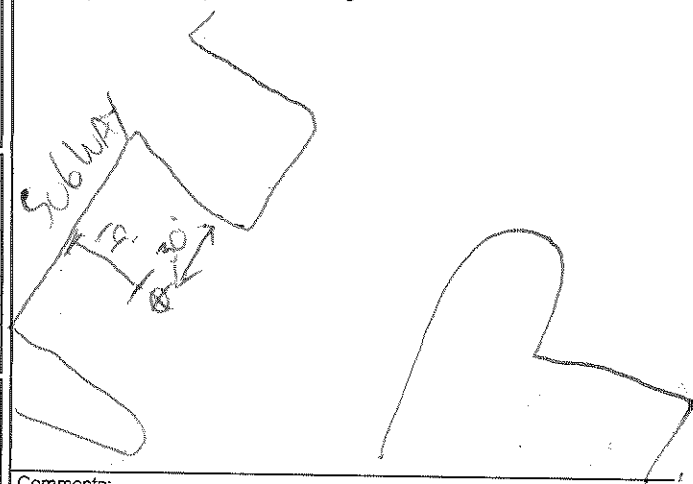
Annular Space table with columns: Depth Set at (m/ft) From, To; Type of Sealant Used (Material and Type); Volume Placed (m³/ft³). Includes handwritten entries for Benznite and Sand.

Results of Well Yield Testing table with columns: Draw Down (Time, Water Level), Recovery (Time, Water Level). Includes handwritten entries for pumping rate and duration.

Method of Construction and Well Use checkboxes. Includes options like Cable Tool, Rotary, Boring, etc.

Construction Record - Casing table with columns: Inside Diameter, Open Hole OR Material, Wall Thickness, Depth (m/ft) From, To. Includes handwritten entries for 2" plastic casing.

Map of Well Location



Construction Record - Screen table with columns: Outside Diameter, Material, Slot No., Depth (m/ft) From, To. Includes handwritten entries for 2" plastic screen.

Water Details and Hole Diameter tables. Includes columns for Water found at Depth, Kind of Water, Depth (m/ft) From, To, Diameter (cm/in).

Well Contractor and Well Technician Information

Business Name of Well Contractor (FORAGE GRANVILLE DRILLING), Well Contractor's Licence No. (7151719), Business Address (141 QUEEN), Municipality (Grenville)

Province (QC), Postal Code (J5P1Y3), Business E-mail Address (76accardax), Bus. Telephone No. (819) 242-9659, Name of Well Technician (TYRRE BOCCARDAX), Well Technician's Licence No. (391911), Signature of Technician and/or Contractor, Date Submitted (20170714)

Well owner's information package delivered (Yes/No), Date Package Delivered, Date Work Completed

Ministry Use Only: Audit No. (Z261470), Received (JUL 19 2017)

Well ID

Well ID Number: 7313065
Well Audit Number: Z281929
Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	BARRHAVEN
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445034.00 Northing: 5013207.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
		GROUT	

Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring Test Hole

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC		

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC		

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
---------------------	-----------------------	--------------------	----------------------

SWL

1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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0 m 1.86 m 5.7 cm

Audit Number: Z281929

Date Well Completed: March 19, 2018

Date Well Record Received by MOE: June 19, 2018

Well ID

Well ID Number: 7313066
Well Audit Number: Z277407
Well Tag Number: A190859

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	OTTAWA
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445053.00 Northing: 5012948.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
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Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring Test Hole

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC		

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm			

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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0 m 2.3 m 15.24 cm

Audit Number: Z277407

Date Well Completed: March 28, 2018

Date Well Record Received by MOE: June 19, 2018

Well ID

Well ID Number: 7313162
Well Audit Number: Z281928
Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	BARRHAVEN
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445014.00 Northing: 5013181.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
		GROUT	

Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring Test Hole

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC		

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC		

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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0 m 1.86 m 5.7 cm

Audit Number: Z281928

Date Well Completed: March 19, 2018

Date Well Record Received by MOE: June 19, 2018

Well ID

Well ID Number: 7313163
Well Audit Number: Z281927
Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	680 RIVER RD.
Township	GLOUCESTER TOWNSHIP
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	BARRHAVEN
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 445016.00 Northing: 5013218.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	14.32 m	GROUT	

Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring Test Hole

Status of Well

Abandoned-Other

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
4.03 cm	PLASTIC		

Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC		

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

Results of Well Yield Testing

After test of well yield, water was
If pumping discontinued, give reason
Pump intake set at
Pumping Rate
Duration of Pumping
Final water level
If flowing give rate
Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: Z281927

Date Well Completed: March 19, 2018

Date Well Record Received by MOE: June 19, 2018

Well ID

Well ID Number: 7328237

Well Audit Number: Z252125

Well Tag Number: A191643

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	752 RIVER ROAD
Township	GLOUCESTER TOWNSHIP
Lot	022
Concession	RF 01
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	MANOTICK
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 444889.00 Northing: 5011902.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
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Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
		GROUT	
		BENTONITE HOLEPLUG	

Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring
	Not Used

Status of Well

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
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Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
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Well Contractor and Well Technician Information

Well Contractor's Licence Number: 4875

Results of Well Yield Testing

After test of well yield, water was

If pumping discontinued, give reason

Pump intake set at

Pumping Rate

Duration of Pumping

Final water level

If flowing give rate

Recommended pump depth

Recommended pump rate

Well Production

Disinfected?

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
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SWL

1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
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Hole Diameter

Depth From	Depth To	Diameter
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Audit Number: Z252125

Date Well Completed: January 08, 2019

Date Well Record Received by MOE: February 13, 2019

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Intermediate Environmental Engineer

EDUCATION

Carleton University, B.Eng., 2015
Environmental Engineering

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Intermediate Environmental Engineer

2013 – 2018

InAIR Environmental Limited

Environmental Consulting Firm
Environmental Consultant and Project Manager

SELECT LIST OF PROJECTS

Designated Substance Surveys – Residential and Commercial Sites – Ottawa
Asbestos Air Testing – Residential and Commercial Sites – Ottawa
Mould Testing – Residential and Commercial Sites Locations
Phase I Environmental Site Assessments – Residential and Commercial Sites –
Ottawa (CSA Z768-01 & MECP)
Contaminated Soil and Groundwater Sampling – Various Sites – Ottawa
Remediation Programs – Various Sites - Ottawa

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility – Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review – Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre – Ottawa
Nortel Networks Environmental Monitoring - Carling Campus – Ottawa
Remediation Program - Block D Lands – Kingston
Investigation of former landfill sites – City of Ottawa
Record of Site Condition for Railway Lands – North Bay
Commercial Properties – Guelph and Brampton
Brownfields Remediation – Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction – Ottawa
Somerset Avenue West Reconstruction - Ottawa