Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Studies

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Phase I - Environmental Site Assessment

1995 Carling Avenue Ottawa, Ontario

Prepared For

Claridge Homes

Paterson Group Inc.

Consulting Engineers 154 Colonnade Road South Ottawa (Nepean), Ontario Canada K2E 7J5

Tel: (613) 226-7381 Fax: (613) 226-6344 www.patersongroup.ca January 29, 2020

Report: PE4833-1

TABLE OF CONTENTS

EXEC	UTIVE	E SUMMARY	ii
1.0	INTRO	DDUCTION	1
2.0	SUBJ	ECT PROPERTY INFORMATION	2
3.0	SCOF	PE OF INVESTIGATION	3
4.0	RECORDS REVIEW		
	4.1	General	4
	4.2	Environmental Source Information	5
	4.3	Physical Setting Sources	7
5.0	SITE	RECONNAISSANCE	9
	5.1	General Requirements	. 9
	5.2	Personal Interviews	. 9
	5.3	Specific Observations at the Phase I Property	10
6.0	REVIE	EW AND EVALUATION OF INFORMATION	13
		Land Use History	
	6.2	Conceptual Site Model	14
7.0		CLUSION	
8.0	STAT	EMENT OF LIMITATIONS	17
9.0	REFE	RENCES	18

List of Figures

Figure 1 - Key Plan Figure 2 - Topographic Map Drawing PE4833-1 - Site Plan Drawing PE4833-2 - Surrounding Land Use Plan

List of Appendices

- Appendix 1 Aerial Photographs Site Photographs
- Appendix 2 ERIS Database Report MECP Water Well Records City of Ottawa Historical Land Use Inventory Search
- Appendix 3 Qualifications of Assessors

EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Claridge Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) of the property located at 1995 Carling Avenue, in the City of Ottawa, Ontario. The purpose of this 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 property.

According to the historical information reviewed, the subject property was first developed with the existing residential buildings in 1960. No potentially contaminating activities were identified with respect to the historical use of the subject and neighbouring properties.

Following the historical review, a site inspection was conducted on December 19, 2019. The subject property is currently occupied by two (2) two-storey residential apartment buildings, each with a full basement level. The neighbouring properties consist primarily of residential dwellings and apartment buildings. No potentially contaminating activities were identified with respect to the current use of the subject and neighbouring properties.

Based on the results of this assessment, it is our opinion that **a Phase II - Environmental Site Assessment is not required for the property.**

Recommendations

Based on the age of the subject buildings, asbestos containing materials (ACMs) may be present within the structures. Potential ACMs identified include the plaster walls and ceilings, vinyl floor tiles, linoleum, and drywall joint compound. These materials were noted to be in good condition at the time of our inspection and do not represent an immediate concern. An asbestos survey of the buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the buildings. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Claridge Homes, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) for 1995 Carling Avenue, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject property and study area as well as to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I ESA by Mr. Vincent Denomme of Claridge Homes. Mr. Denomme can be reached by telephone at 613-739-7111.

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, under the 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, as well as 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 SUBJECT PROPERTY INFORMATION

Address:	1995 Carling Avenue, Ottawa, Ontario.			
Legal Description:	Part of Block A on Plan M98, in the City of Ottawa.			
Property Identification Number (PIN):	039790010			
Location:	The subject property is located on the northwest side of Carling Avenue and Bromley Road intersection, in the City of Ottawa, Ontario.			
Latitude and Longitude:	45° 22' 26" N, 75° 45' 47" W			
Site Description:				
Configuration:	Irregular			
Site Area:	1450 m ² (approximate)			
Zoning:	AM – Arterial Mainstreet			
Current Use:	The subject site is currently used for residential purposes and is currently occupied by two 2-storey residential apartment buildings with basement levels.			
Services:	The existing residential dwellings are municipally serviced.			

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 located outside the 250 m radius are not considered to have impacted the subject property, based on their significant distance from the site.

First Developed Use Determination

Based on a review of historical documents provided by the current property owner, the subject property was first developed with the existing residential buildings in the early 1960's.

For the purposes of this assessment, it is assumed that the subject property was first developed for residential purposes in the early 1960's.

Fire Insurance Plans

Fire insurance plans (FIPs), dated 1956 (revised 1965) were reviewed for the Phase I Study Area. The Phase I Property was not included in the available FIPs however the adjacent property to the east was included. Based on the 1956 FIPs the subject study area was occupied by residential apartment buildings.

City of Ottawa Street Directories

City directories at the National Archives were reviewed in approximate 10-year intervals from 1947 to 2011. The subject property and the neighbouring lands were all listed as residential dwellings

City of Ottawa Historical Land Use Inventory (HLUI) Database

A request for information from the City's Historical Land Use Inventory (HLUI 2005) database for the subject property was sent to the City of Ottawa in January of 2020. At the time this report was issues, a response had not been received. Any pertinent information will be forwarded to the client upon receipt. A copy of the HLUI authorization is provided in Appendix 2.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically as part of this assessment. No records of pollutant releases were listed in the database for the subject site or for any properties located within the Phase I study area.

PCB Waste Storage Site Inventory

A search of the national PCB waste storage site inventory was conducted as part of this assessment. No PCB waste storage sites are located within the Phase I study area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Waste Disposal Site Inventory

The Ontario Ministry of Environment and Climate Change document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

A review of this document did not identify any relevant records pertaining to the subject site or for properties located within the Phase I study area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the subject property.

A review of this document did not identify any former coal gasification plants located on the subject property or within the Phase I study area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted electronically for the subject site and for properties located within the Phase I study area. No Records of Site Condition (RSCs) were filed for the subject property or for any properties located within the Phase I study area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I study area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (MNRF) website. No natural features or areas of natural significance were identified on the subject property or within the Phase I study area.

City of Ottawa Old Landfill Sites

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed to reference the location of former landfill sites with respect to the subject property.

A review of this document did not identify any closed landfill sites located on the subject property or within the Phase I study area.

Environmental Risk Information Services (ERIS)

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd., dated December 13, 2019, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in the appendix.

• On-Site Records:

This report did not identify any records for the subject site.

□ Off-Site Records:

The Eris Report identified various environmental records within the 250 meters of the subject site. The pertinent records from the nearby properties include: three (3) recorded spill incidents, four (4) O.Reg. 347 waste generator summaries and thirty (30) well water information system records. All other records identified were deemed to not be associated with any potentially contaminating activities (PCAs).

The three (3) recorded spill incidents consist of two (2) roadway accidents that occurred on Carling Avenue and one (1) reported fuel oil tank leak from 1945 Lauder Street. The roadway accidents on Carling resulted in the release of approximately 1 L of transmission oil and 10L of coolant to the storm sewer system. Both reported spills yielded no MOE response. Based on the quantity of the spills to the receiving environments, these two (2) roadway accidents are not considered to result in an area of potential environmental concern (APEC). The reported above ground fuel oil tank leak occurred approximately 170 meters downgradient from the subject site. Based on the distance and hydraulic gradient, the above ground oil tank spill is not considered to be an APEC.

The four (4) waste generator summaries are associated with the two (2) residential apartment buildings west of the subject site. Three (3) summaries are associated with the Homestead Land Holdings Ltd. property at 2001 Carling Avenue. One (1) waste generator summary is associated with the Somerset Towers located at 2045 Carling Avenue. Based on the reviewed waste generator summaries for the two residential apartment buildings, the four (4) waste generator summaries are not considered to be APECs.

The thirty (30) well water information system records are associated with potable water wells for the residential dwellings south of Carling Avenue, dating back to 1952. The subject study area is known to now be municipally serviced. Therefore, it is our understanding that the wells associated with the well water information system records are no longer in use.

The complete ERIS database report has been included in the Appendix.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals, commencing with the earliest available photograph. Based on the review, the following observations have been made:

- 1945 The subject property appears treed and undeveloped. To the west, the neighbouring property appears to be developed with a residential dwelling. Neighbouring property to the north, south and east appear to be used for agricultural purposes at this time.
- 1952 No significant changes are apparent with respect to the subject property however, a residential neighbourhood has been developed to the south of Carling Avenue. Lands to the north remain agricultural.
- 1962 The subject property has now been developed with the two (2) residential structures that exist today. Further expansion to the residential neighbourhood south of Carling Avenue has been completed. The agricultural lands to the north have been redeveloped for residential use. To the east, residential apartment buildings that exist today have been developed. The neighbouring property to the west has remained unchanged.

1975	No significant changes are apparent with respect to the subject and neighbouring properties with the exception of the adjacent property to the west. The neighbouring property to the west has been developed with a high-rise residential apartment building.
1986	No significant changes are apparent with respect to the subject or neighbouring properties.
1999	No significant changes are apparent with respect to the subject or neighbouring properties.

2017 (City of Ottawa) No significant changes are apparent with respect to the subject or neighbouring properties.

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

Topographic Maps

Topographic information was obtained from Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the subject site is approximately 80 m above sea level. The regional topography in the general area of the subject property slopes down towards the north, in the general direction of the Ottawa River, and to the east. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping, the subject property is situated within the St. Lawrence Lowlands. According to the description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The subject property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

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 the information from NRCAN, the bedrock within the area of the subject property consists of interbedded limestone and dolomite of the Gull River Formation.

Based on the available mapping data, the surficial geology within the area of the subject property consists of Paleozoic bedrock. The overburden thickness throughout the subject property ranges from 0 to 2 m.

MECP Water Well Records

A search of the MECPs website for all drilled well records within 250 m of the subject site was conducted as part of this assessment. The search identified thirtyeight (38) well records within the Phase I study area. The records pertain to wells drilled in the area between 1949 and 1955 and used for domestic household purposes. Based on the well records, the stratigraphy in the general area of the subject property consists of clay underlain by limestone bedrock. The water table was generally encountered within the bedrock unit at an average depth of approximately 15 to 19 m below ground surface.

Water Bodies and Areas of Natural Significance

The nearest named water body with respect to the subject site is Ottawa River, located approximately 1.2 km northwest of the subject property. No areas of natural significance were identified within the Phase I study area.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site inspection was conducted on Thursday, December 19, 2019, between 10:00 AM and 11:30 AM. Weather conditions were sunny, with a temperature of approximately -10°C. Mr. Mark St Pierre, from the Environmental Department of Paterson Group, conducted the site inspection. In addition to the subject property, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

5.2 Personal Interviews

Mr. John Deterred and Alessandro Argentina, two of the (2) current property owners, were available at the time of the site inspection to respond to questions and provide access to the buildings. It was stated that the property had been purchased in 2009 and has been used for residential purposes since it's original construction (approximately 1960). Mr. Dettorre and Mr. Argentina were unaware of any environmental concerns with respect to the subject property.

5.3 Specific Observations at the Phase I Property

Site Features

The subject property consists of an asphalt parking area at the rear of the two structures with landscaping surrounding them. The subject site and regional topography slope gradually down towards the east. Water drainage on the subject property consists primarily of surface infiltration throughout the property, in addition to surface run-off towards the municipal catch basin on Bromley Road. No ponded water or surficial staining were observed at the time of the site inspection.

A depiction of the subject property is presented on Drawing PE4833-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

The two (2) residential structures on the subject property are two (2) storey structures with full-basement levels. Both structures were estimated to be constructed sometime in or around 1960. Both structures are constructed with a block wall and poured concrete foundation and are finished on the exterior with brick and a sloped shingled roof.

Underground Utilities

An underground municipal water and sewer lines and gas lines are present on the subject property and connected to both structures.

Potential Environmental Concerns

Given Storage Fuels and Chemical Storage

No above ground storage tanks (ASTs) or signs of underground storage tanks (USTs) were observed on the exterior of the subject property at the time of the site inspection. No hazardous chemicals, spills, stains, or abnormal odours were observed on the exterior of the property at the time of the site inspection.

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 property at the time of the site inspection.

Transformer Oil and Polychlorinated Biphenyls (PCBs)

One (1) pole-mounted transformer was identified adjacent to the subject property, northeast to the subject property. The transformer was noted to be in good condition, with no leaks or stains observed at the time of the site inspection.

U Waste Management

Waste materials observed on the subject property at the time of the site inspection were noted to be limited to solid, non-hazardous domestic waste products and recyclables. All waste products were noted to be stored in plastic bins on the exterior of the subject building and collected by the municipality on a regular basis. No concerns were identified with respect to waste management practices on the subject property.

Interior Assessment

A general description of the interior of the subject buildings is as follows:

- The floors consist of hardwood, vinyl floor tiles, linoleum, and ceramic tiles.
- The walls consist of plaster and concrete block.
- The ceilings consist of plaster and drywall.
- Lighting throughout the buildings consists of incandescent and fluorescent fixtures.

Potentially Hazardous Building Materials

□ Asbestos-Containing Materials (ACMs)

Based on the age of the residential structures (approximately 1960), asbestos may be potentially present within certain building materials. The potential ACMs identified at time of the site inspection include the plaster walls and ceilings, vinyl floor tiles, linoleum and potentially block wall insulation. These building materials were observed to be in good condition at the time of the site inspection and do not pose an immediate concern.

Lead-Based Paint

Based on the age of the subject building (approximately 1960), lead-based paints may be potentially present on any original or older painted surfaces. The painted surfaces within the buildings were generally observed to be in good condition at the time of the site inspection.

Polychlorinated Biphenyls (PCBs)

No concerns with respect to PCBs were identified at the time of the site inspection.

Urea Formaldehyde Foam Insulation (UFFI)

UFFI was not observed within the subject buildings at the time of the site inspection, however, the wall cavities were not inspected at the time for insulation type.

Other Potential Environmental Concerns

Given Storage Fuels and Chemical Storage

Suspected vent and fill pipe wall penetrations were observed in the basement boiler rooms of each structure. No existing above ground storage tanks (ASTs) were observed during the inspection however, the suspected vent and fill pipe wall penetrations indicate the presence of former ASTs.

Chemical storage on the subject property was observed to be limited to domestically available cleaning products, stored in their original containers. No hazardous chemicals, spills, stains, or any unusual visual or olfactory observations were noted at the time of the site inspection.

No concerns with respect to fuels or chemical storage were identified during the site inspection.

□ Wastewater Discharges

Wastewater, consisting of wash water and sewage, is discharged from the subject buildings into the municipal sewer system. No drains, pits, or sumps were present on the subject property.

Roof drainage from the subject buildings is discharged into the landscaped areas surrounding the structures. No environmental concerns were identified with respect to wastewater discharges on the subject property.

□ Ozone Depleting Substances (ODSs)

Potential sources of ODSs observed on the subject property include: fire extinguishers, refrigerators, and tenant owned air conditioner units. These appliances appeared to be in good condition at the time of the site inspection and should be regularly serviced by a licensed contractor.

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 property was observed to be as follows:

North: Residential dwellings;

South: Carling Avenue, followed by residential dwellings;

East: Bromley Road, followed by residential apartment buildings;

West: Residential apartment buildings.

No Potentially Contaminating Activities (PCAs) were identified on the neighbouring properties or properties within the Phase I study area. The neighbouring land use within the Phase I study area is illustrated on Drawing PE48-2 – Surrounding Land Use Plan.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Land Use History

Based on a historical review, the subject property has only ever been developed with the existing residential structures. Based on the interview with the property owner and available information, the development of the subject property occurred in approximately 1960.

Potentially Contaminating Activities (PCAs)

No potentially contaminating activities (PCAs) were identified on the subject property, while one (1) PCA was identified within the Phase I study area. Located at 1945 Lauder Driver, approximately 170 m to the north, an above ground furnace oil tank was recorded to leak an unknown amount of furnace oil. Based on the distance and hydraulic gradients, this PCA is not considered to pose a risk to the subject property.

Areas of Potential Environmental Concern (APECs)

No areas of potential environmental concern were identified on the subject property or within the Phase I study area.

Contaminants of Potential Concern (CPCs)

No contaminants of potential concern were identified on the subject property.

6.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on information from the Geological Survey of Canada, the subject property is located in an area of interbedded limestone and dolomite, with an overburden ranging from 0 to 2 m in thickness and consisting of clay. Groundwater is anticipated to be encountered within the bedrock unit.

Existing Buildings and Structures

The subject property is currently occupied by two (2) two-storey residential apartment buildings, each with a full basement level.

Areas of Natural Significance

No areas of natural significance were identified on the subject property or within the Phase I study area.

Water Bodies

The nearest named water body with respect to the subject site is the Ottawa River, located approximately 1.2 km northwest of the subject property. No areas of natural significance were identified within the Phase I study area.

Water Wells

A search of the MECPs website for all drilled well records within 250 m of the subject site was conducted as part of this assessment. The search identified thirtyeight (38) well records within the Phase I study area. The records pertain to wells drilled in the area between 1949 and 1955 and used for domestic household purposes. Based on the well records, the stratigraphy in the general area of the subject property consists of clay underlain by limestone bedrock. The water table was generally encountered within the bedrock unit at an average depth of approximately 15 to 19 m below ground surface.

Neighbouring Land Use

Neighbouring land use in the Phase I study area consists primarily of residential dwellings and apartment buildings. No environmental concerns were identified with regard to the current use of the neighbouring lands.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 6.1 of this report, one (1) potentially contaminating activity was identified within the Phase I study area. This identified activity was not deemed to be an area of potential environmental concern due to the separation distance and downgradient location with respect to the Phase I property. No additional potentially contaminating activities or areas of potential environmental concern were identified on the subject property or within the Phase I study area.

Contaminants of Potential Concern

No contaminants of potential concern were identified on the subject site.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no APECs associated with the subject site. The presence of the one (1) PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

7.0 CONCLUSION

Assessment

Paterson Group was retained by Claridge Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) of the property located at 1995 Carling Avenue, in the City of Ottawa, Ontario. The purpose of this 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 property.

According to the historical information reviewed, the subject property was first developed with the existing residential buildings in 1960. No potentially contaminating activities were identified with respect to the historical use of the subject and neighbouring properties.

Following the historical review, a site inspection was conducted on December 19, 2019. The subject property is currently occupied by two (2) two-storey residential apartment buildings, each with a full basement level. The neighbouring properties consist primarily of residential dwellings and apartment buildings. No potentially contaminating activities were identified with respect to the current use of the subject and neighbouring properties.

Based on the results of this assessment, it is our opinion that **a Phase II -**Environmental Site Assessment is not required for the property.

Recommendations

Based on the age of the subject buildings, asbestos containing materials (ACMs) may be present within the structures. Potential ACMs identified include the plaster walls and ceilings, vinyl floor tiles, linoleum, and drywall joint compound. These materials were noted to be in good condition at the time of our inspection and do not represent an immediate concern. An asbestos survey of the buildings should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to demolition or renovation, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the buildings. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act.

Ditawa Kingston North Bay

8.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, 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 as well as 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 Claridge Homes. Permission and notification from Claridge Homes and Paterson Group 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., QPESA

Report Distribution:

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- Paterson Group Inc.



9.0 REFERENCES

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North Bay

Kingston

Ōttawa

Federal Records

Natural Resources Canada Air Photo Library. Natural Resources Canada The Atlas of Canada. Geological Survey of Canada Surficial and Subsurface Mapping. Environment Canada, National Pollutant Release Inventory. National PCB Waste Storage Site Inventory. National Archives of Canada.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP Waste Disposal Site Inventory, 1991.
MECP Brownfields Environmental Site Registry.
MECP Water Well Inventory.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
Ministry of Natural Resources and Forestry Areas of Natural Significance.
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. The City of Ottawa eMap website.

Local Information Sources

Previous Engineering Reports. Personal Interviews.

Public Information Sources

Google Earth. Google Maps/Street View Environmental Risk Information Services

FIGURES

FIGURE 1 – KEY PLAN

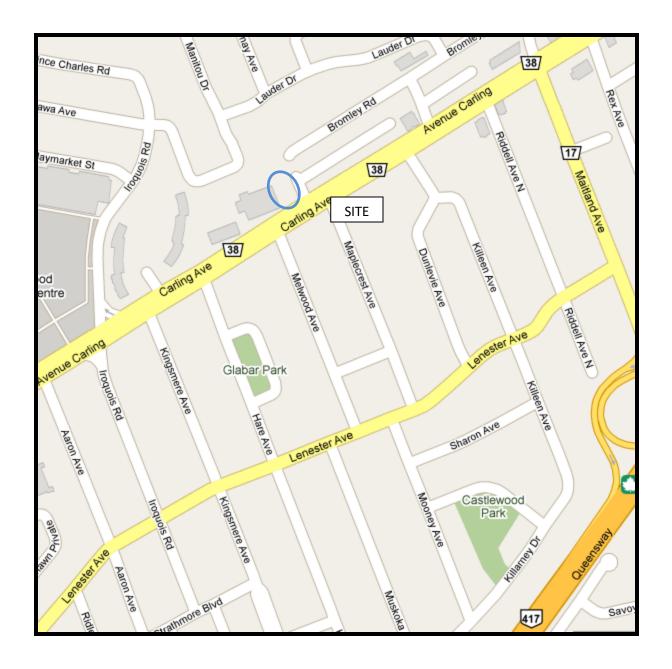
FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4833-1 – SITE PLAN

DRAWING PE4833-2 – SURROUNDING LAND USE PLAN

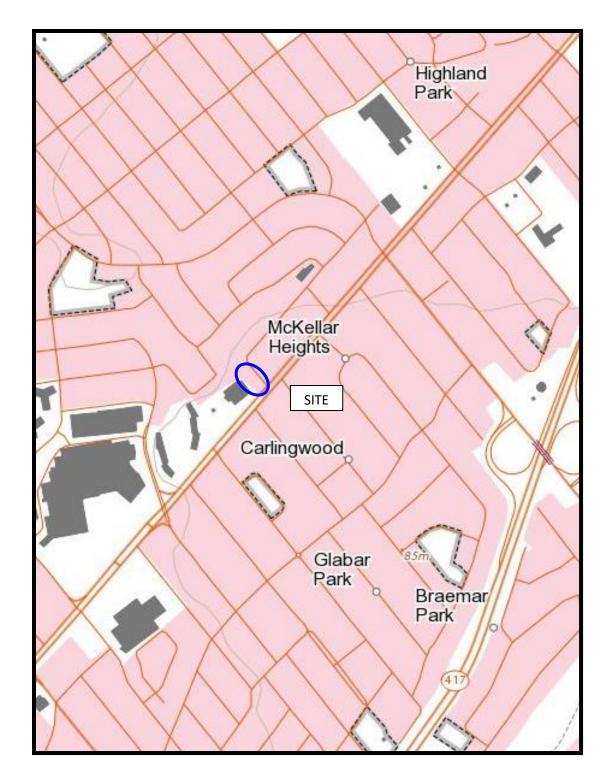
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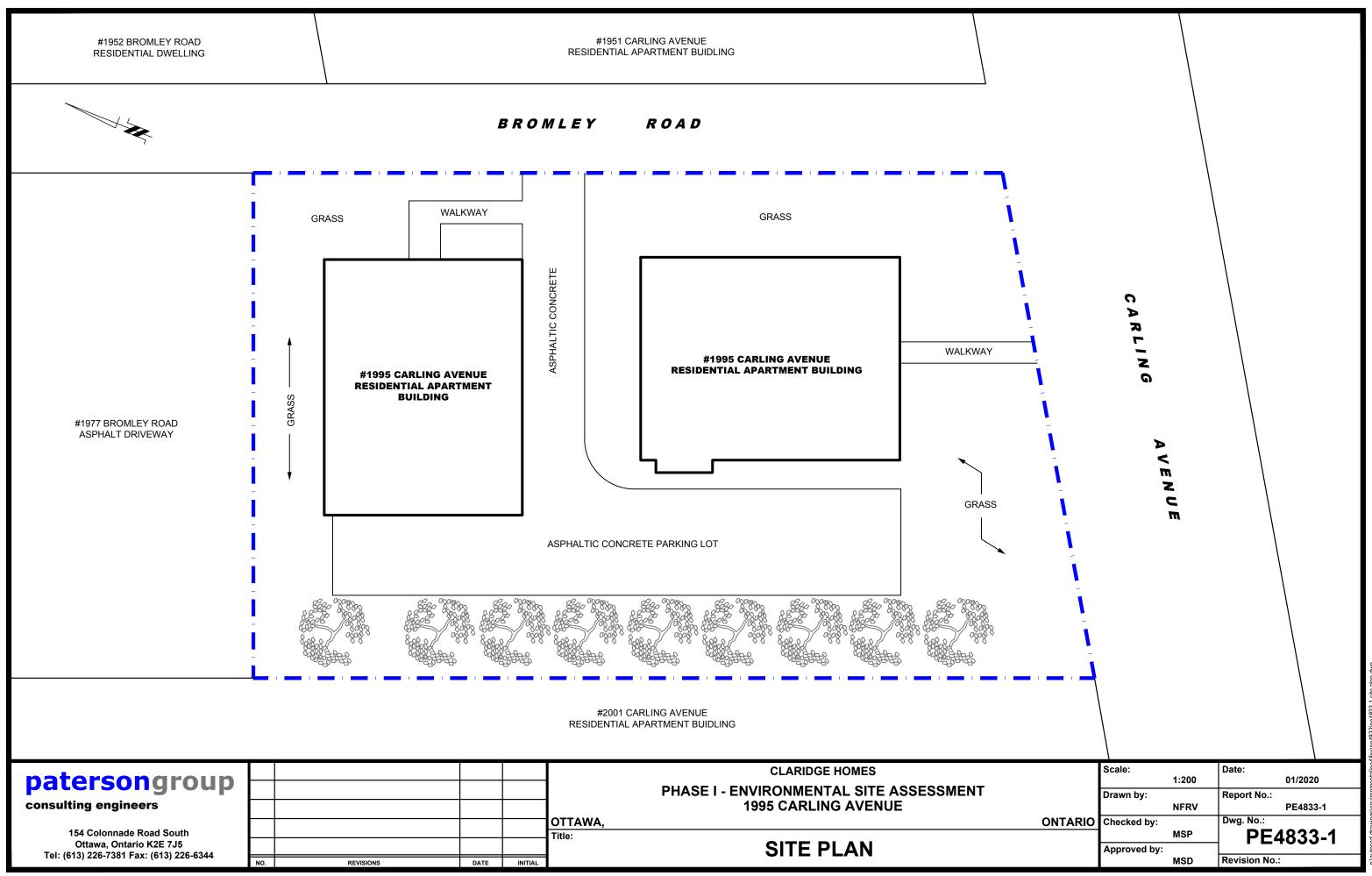
<u>figure 1</u> KEY PLAN

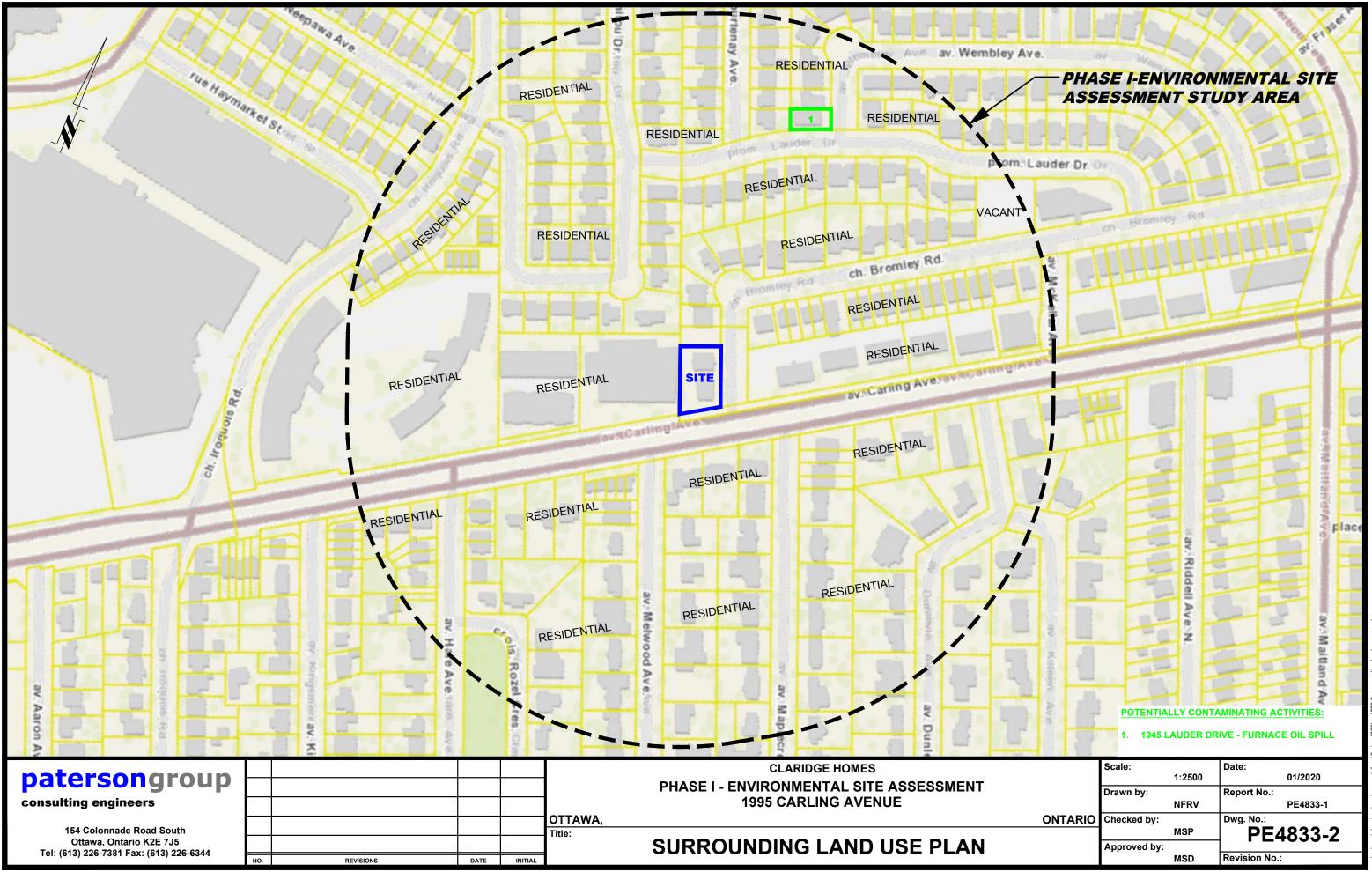


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FIGURE 2 TOPOGRAPHIC MAP





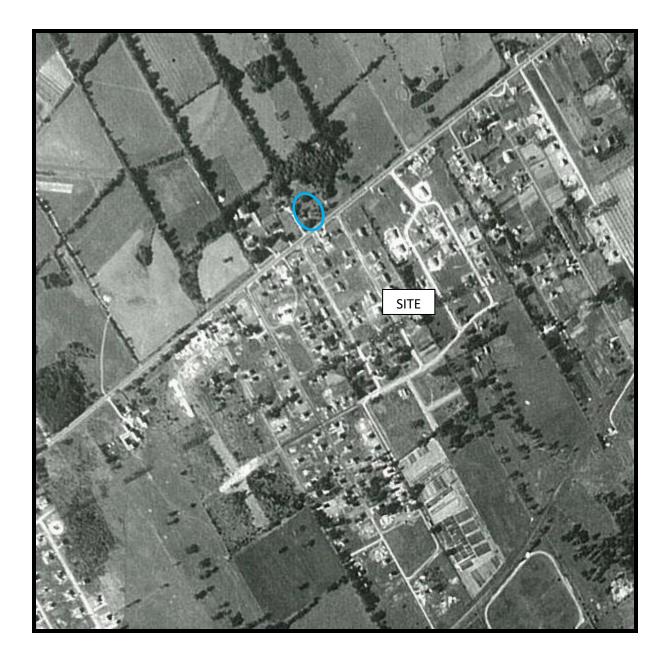


APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS







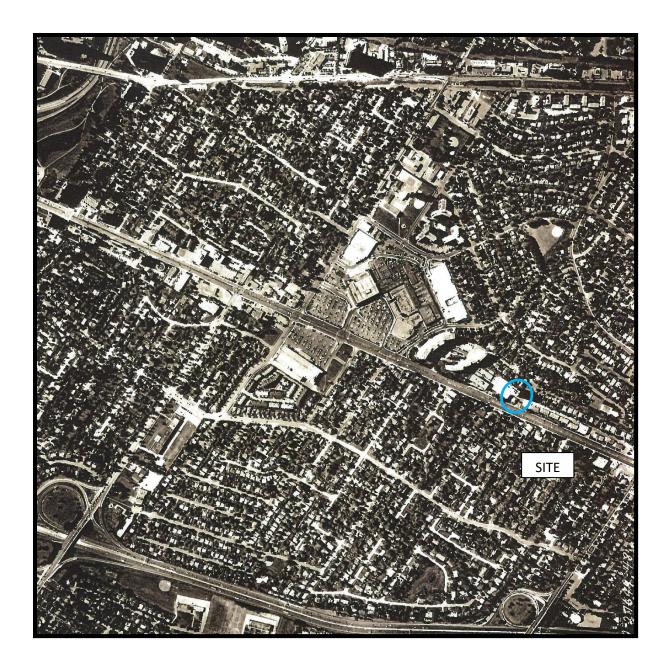
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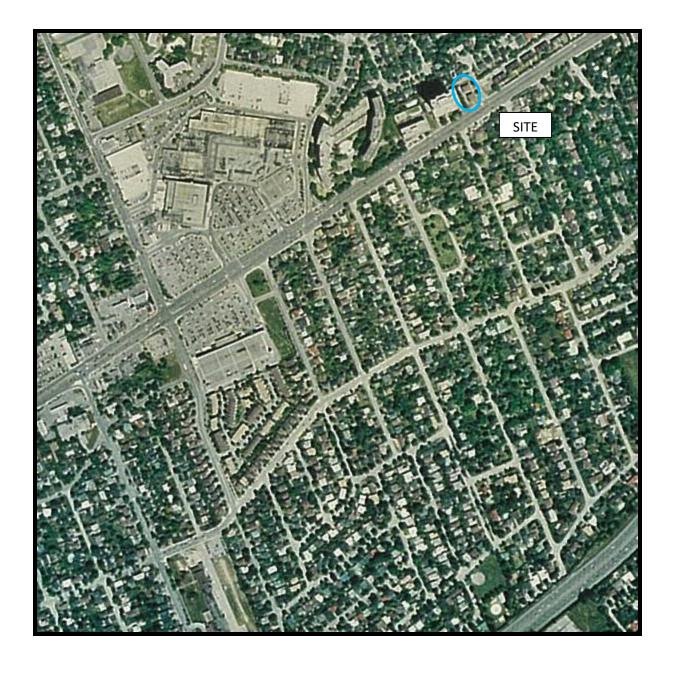
AERIAL PHOTOGRAPH 1975

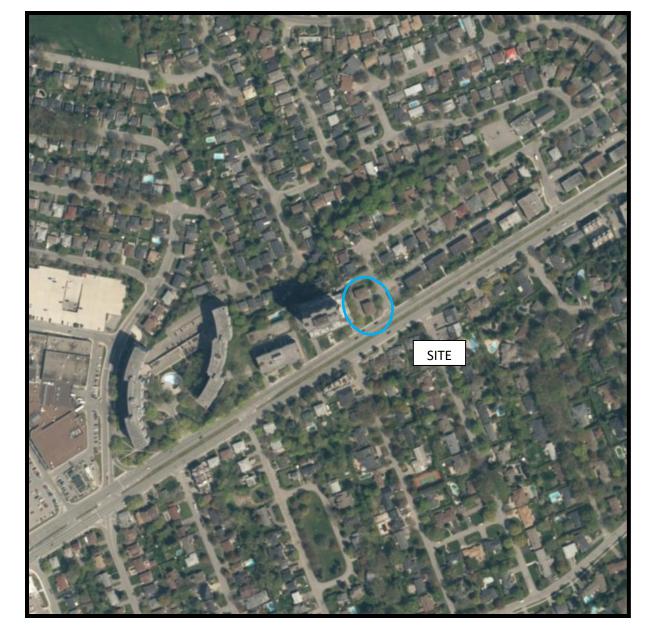


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AERIAL PHOTOGRAPH 1986







AERIAL PHOTOGRAPH 2017 (City of Ottawa)

Site Photographs

1995 Carling Avenue, Ottawa, ON

December 19, 2019



Photograph 1: View of the Phase I Property, facing north from Carling Avenue.



Photograph 2: View of Phase I Property, facing east. Photograph also depicts residential dwellings east of Bromley Road.

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Site Photographs

1995 Carling Avenue, Ottawa, ON

December 19, 2019



Photograph 3: View of the adjacent parking lot at the rear of the two structures, facing north. The photograph also depicts the second residential structure on the north side of the property.



Photograph 4: View of the eastern face of the northern structure, facing northwest from Bromley Road.

Site Photographs

PE4833

1995 Carling Avenue, Ottawa, ON

December 19, 2019



Photograph 5: View of the apartment building adjacent to the west, facing northwest on Carling Avenue.



Photograph 6: Typical interior layout of kitchen areas of the apartments within the Phase I buildings.

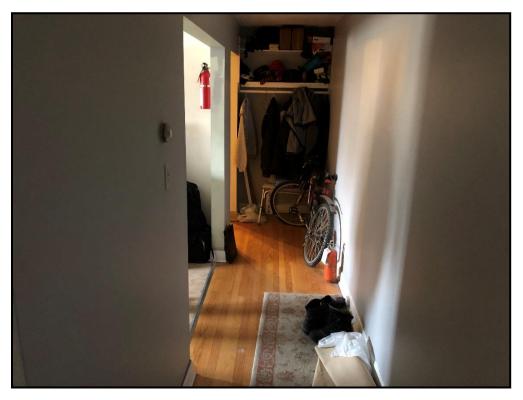
patersongroup

Site Photographs

PE4833

1995 Carling Avenue, Ottawa, ON

December 19, 2019



Photograph 7: Typical interior building materials consisting of hardwood and plaster walls of the Phase I buildings.

patersongroup

APPENDIX 2

ERIS DATABASE REPORT

MECP WATER WELL RECORDS

CITY OF OTTAWA HISTORICAL LAND USE INVENTORY SEARCH



Project Property:

Project No: Report Type: Order No: Requested by: Date Completed: Phase I ESA 1995 Carling Avenue Ottawa ON K2A 1G3 PE4833 Standard Report 20191210007 Paterson Group Inc. December 13, 2019

Table of Contents

Table of Contents	2
Executive Summary	3
Executive Summary: Report Summary	4
Executive Summary: Site Report Summary - Project Property	6
Executive Summary: Site Report Summary - Surrounding Properties	7
Executive Summary: Summary By Data Source	11
Мар	17
Aerial	
Topographic Map	19
Detail Report	
Unplottable Summary	102
Unplottable Report	104
Appendix: Database Descriptions	145
Definitions	154

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Executive Summary

Property Information:

Project Property:Phase I ESA1995 Carling AvenueOttawa ON K2A 1G3

Project No:

PE4833

Coordinates:

	Latitude:	45.3740246
	Longitude:	-75.7629572
	UTM Northing:	5,024,769.32
	UTM Easting:	440,264.09
	UTM Zone:	18T
Elevation:		262 FT
		79.88 M

Order Information:

Order No: Date Requested: Requested by: Report Type: 20191210007 December 10, 2019 Paterson Group Inc. Standard Report

Historical/Products:

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Within 0.25 km	Total
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	30	30
		Total:	0	49	49

Executive Summary: Site Report Summary - Project Property

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	SPL	City of Ottawa	Carling Ave at Bromley Ottawa ON	ESE/32.7	1.00	<u>20</u>
<u>2</u>	GEN	HOMESTEAD LANDHOLDINGS	2001 CARLING AVE OTTAWA ON K2A 3W5	WSW/57.1	-0.08	<u>20</u>
<u>2</u>	EHS		2001 Carling Ave Ottawa ON K2A 3W5	WSW/57.1	-0.08	<u>20</u>
<u>2</u>	SPL		2001 Carling Ave. Westbound lane Ottawa ON	WSW/57.1	-0.08	<u>21</u>
<u>2</u>	GEN	Homestead Land Holdings Ltd.	2001 CARLING AVENUE OTTAWA ON K2A 3W5	WSW/57.1	-0.08	<u>21</u>
<u>2</u>	GEN	Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	WSW/57.1	-0.08	<u>21</u>
<u>3</u>	EHS		2001 Carling Ave Ottawa ON K2A3W5	WSW/57.1	-0.08	<u>22</u>
<u>4</u>	EHS		1983 Carling Avenue Ottawa ON K2A 1E9	ENE/79.8	0.07	<u>22</u>
<u>5</u>	EHS		1983 Carling Ave Ottawa ON K2A1E9	NE/86.3	0.00	<u>22</u>
<u>6</u>	WWIS		ON <i>Well ID:</i> 1507985	SSW/88.3	1.00	<u>22</u>
<u>7</u>	WWIS		ON <i>Well ID:</i> 1508461	ESE/91.7	1.00	<u>25</u>
<u>8</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW/98.0	1.00	<u>27</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>8</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW/98.0	1.00	<u>28</u>
<u>8</u>	CA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW/98.0	1.00	<u>28</u>
<u>8</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW/98.0	1.00	<u>28</u>
<u>8</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW/98.0	1.00	<u>28</u>
<u>8</u>	ECA	4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW/98.0	1.00	<u>29</u>
<u>9</u>	WWIS		ON <i>Well ID:</i> 1508463	ESE/123.7	1.00	<u>29</u>
<u>10</u>	WWIS		ON <i>Well ID:</i> 1508465	SSE/135.6	2.00	<u>31</u>
<u>11</u>	BORE		ON	SE/141.0	2.03	<u>34</u>
<u>12</u>	WWIS		lot 28 con 2 ON <i>Well ID:</i> 1510604	SE/141.1	2.03	<u>35</u>
<u>13</u>	WWIS		ON <i>Well ID:</i> 1508483	SSE/147.0	2.00	<u>38</u>
<u>13</u>	WWIS		ON <i>Well ID:</i> 1508482	SSE/147.0	2.00	<u>40</u>
<u>14</u>	WWIS		ON <i>Well ID:</i> 1508000	E/147.2	0.80	<u>42</u>
<u>15</u>	WWIS		ON	SSE/164.1	2.00	<u>45</u>

Order No: 20191210007

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1508486			
<u>16</u>	WWIS		ON <i>Well ID:</i> 1508480	S/167.9	2.00	<u>47</u>
<u>17</u>	WWIS		ON Well ID: 1508135	ESE/168.6	1.00	<u>49</u>
<u>18</u>	WWIS		ON <i>Well ID:</i> 1508143	E/168.8	1.00	<u>52</u>
<u>19</u>	WWIS		ON <i>Well ID:</i> 1508152	E/177.1	0.69	<u>55</u>
<u>20</u>	WWIS		ON <i>Well ID:</i> 1507991	SW/177.2	1.00	<u>57</u>
<u>21</u>	WWIS		ON <i>Well ID:</i> 1508390	E/179.6	0.00	<u>59</u>
<u>22</u>	WWIS		lot 28 con 2 ON Well ID: 1510599	S/202.7	2.00	<u>62</u>
<u>23</u>	WWIS		ON Well ID: 1508481	S/208.0	2.00	<u>64</u>
<u>24</u>	WWIS		ON Well ID: 1508132	E/216.8	1.00	<u>67</u>
<u>25</u>	WWIS		ON Well ID: 1508231	SW/217.1	1.00	<u>69</u>
<u>26</u>	SPL	S. 21	1945 LAUDER STREET <unofficial> Ottawa ON K2A 1B2</unofficial>	N/217.2	-1.67	<u>72</u>
<u>27</u>	WWIS		ON <i>Well ID:</i> 1508857	SSW/221.6	2.00	<u>72</u>
<u>28</u>	WWIS		ON	E/221.7	1.00	<u>74</u>

29 WWIS bit 28 con 2 ON Weil 0: 1510001 SE/23.3 2.00 7 30 BORE ON SW224.2 1.00 80 31 WWIS bit 28 con 2 ON SE/224.3 1.00 81 32 WWIS bit 28 con 2 ON SE/224.3 1.00 84 33 WWIS ON Weil 0: 1508480 SE/226.1 2.00 84 34 WWIS ON Weil 0: 1508480 SE/226.1 2.00 85 35 WWIS ON Weil 0: 1508482 SE/226.1 0.00 89 35 ON Weil 0: 1508482 ON SE/226.1 0.00 89 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW230.5 0.00 93 37 WWIS ON Weil 0: 1508151 ON Weil 0: 1508151 E223.7 0.00 94 38 WWIS ON Weil 0: 1508151 ON Weil 0: 1508151 E241.3 1.00 95 38 WWIS ON Weil 0: 1508357 NWIS E241.3 1.00 95 <th>Map Key</th> <th>DB</th> <th>Company/Site Name</th> <th>Address</th> <th>Dir/Dist (m)</th> <th>Elev Diff (m)</th> <th>Page Number</th>	Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
ON ON Weil JD: 1510501 90 BORE ON 91 WWIS Iot 28 con 2 ON 92 WWIS Iot 28 con 2 ON 93 WWIS ON 94 ON 95 ON 96 ON 97 ON 98 ON 99 ON 99 SOMERSET TOWERS 90 ON 91 MWIS 92 WWIS 93 SOMERSET TOWERS 94 ON 95 GEN 96 ON 97 WWIS 98 ON 99 ON 99 ON 91 MWIS 92 ON 93 ON 94 ON 95 SOMERSET TOWERS 90 ON 91 MWIS 92 ON 93 ON 94 ON 95 ON 96 ON 97 WWIS 98 ON 99 ON 99 ON 99				Well ID: 1507979			
30 BORE ON SW/224.2 1.00 89 31 WWIS Ind 28 con 2 WWIS ESE/224.3 1.00 81 32 WWIS ON WWI ID: 1508460 SE/225.8 2.00 84 33 WWIS ON WWI ID: 1508460 SE/226.1 2.00 86 34 WWIS ON WWI ID: 1508462 SE/23.0 0.00 89 34 WWIS ON WWI ID: 1508149 SE/23.0 0.00 89 35 WWIS ON WWI ID: 1508149 SE/23.0 0.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON KZA 1055 WSW23.05 0.00 93 37 WWIS ON WWI ID: 1508151 ON WWI ID: 1508151 SI22.7 0.00 94 38 WWIS ON WWI ID: 1508367 ON E/241.3 1.00 95 38 WWIS ON ON F241.3 1.00 95	<u>29</u>	WWIS			SE/223.3	2.00	<u>77</u>
21 WWIS b128 con 2 ON ESE/224.3 1.00 81 22 WWIS ON Weil ID: 1500600 SE/225.8 2.00 84 33 WWIS ON Weil ID: 1500460 SE/226.1 2.00 86 34 WWIS ON Weil ID: 1500462 SE/220.0 0.00 89 35 WWIS ON Weil ID: 1500142 ESE/230.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW230.5 0.00 93 37 WWIS ON Weil ID: 1500151 ON Weil ID: 1500151 E232.7 0.00 94 38 WWIS ON Weil ID: 1500337 ON E721.3 1.00 96 38 WWIS ON ON E721.3 1.00 96				Well ID: 1510601			
22 WWIS ON Well ID: 150600 SE/225.8 2.00 84 32 WWIS ON Well ID: 1508460 SE/226.1 2.00 86 33 WWIS ON Well ID: 1508460 SE/226.1 2.00 86 34 WWIS ON Well ID: 1508462 E/229.0 0.00 89 35 WWIS ON Well ID: 1508149 E/229.0 0.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW/230.5 0.00 93 37 WWIS ON Well ID: 1508151 ON Well ID: 1508151 E/232.7 0.00 94 38 WWIS ON Well ID: 1508387 ON E/241.3 1.00 96 38 WWIS ON ON E/241.3 1.00 96	<u>30</u>	BORE		ON	SW/224.2	1.00	<u>80</u>
32 WWIS ON Well ID: 1508460 SE/22.8 2.00 84 33 WWIS ON Well ID: 1508462 SE/22.6.1 2.00 86 34 WWIS ON Well ID: 1508449 E229.0 0.00 89 35 WWIS ON Well ID: 1508149 ESE/23.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OT AWA ON K2A 1G5 WSW/23.05 0.00 93 37 WWIS ON Well ID: 1508151 ON Well ID: 1508151 E23.7 0.00 94 38 WWIS ON Well ID: 1508153 ON E241.3 1.00 95 38 WWIS ON ON E241.3 1.00 95 38 WWIS ON ON E241.3 1.00 95	<u>31</u>	WWIS		lot 28 con 2 ON	ESE/224.3	1.00	<u>81</u>
ON ON WWIS SE/226.1 2.00 86 33 WWIS ON WWII/ ID: 1508462 E/229.0 0.00 89 34 WWIS ON ON E/229.0 0.00 89 35 WWIS ON ON ESE/230.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW/230.5 0.00 93 37 WWIS ON ON WWIS E/232.7 0.00 94 38 WWIS ON ON ON E/241.3 1.00 96 38 WWIS ON ON WWIS E/241.3 1.00 96				Well ID: 1510600			
33 WWIS ON Weil ID: 1508462 SE/26.1 2.00 96 34 WWIS ON Weil ID: 1508149 E/29.0 0.00 99 35 WWIS ON Weil ID: 1508149 ESE/23.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1GS WSW/230.5 0.00 93 37 WWIS ON Weil ID: 1508151 ON Weil ID: 1508151 E/23.7 0.00 94 38 WWIS ON Weil ID: 1508387 ON Weil ID: 1508387 E/241.3 1.00 95	<u>32</u>	WWIS			SE/225.8	2.00	<u>84</u>
34 WWIS ON Well ID: 1508462 E/229.0 0.00 89 35 WWIS ON Well ID: 1508149 ESE/230.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW/230.5 0.00 93 37 WWIS ON Well ID: 1508151 0N Well ID: 1508151 E/232.7 0.00 94 38 WWIS ON Well ID: 1508367 ON Well ID: 1508367 E/241.3 1.00 96 38 WWIS ON ON ON E/241.3 1.00 96				Well ID: 1508460			
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ON ON WW IS ESE/230.0 1.00 91 35 WW IS ON ON Well ID: 1508149 ESE/230.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 165 WSW/230.5 0.00 93 37 WW IS ON E/232.7 0.00 94 38 WW IS ON Well ID: 1508387 E/241.3 1.00 96 38 WW IS ON ON E/241.3 1.00 98				Weir ID. 1300402			
35 WWIS ON Well ID: 1508142 ESE/30.0 1.00 91 36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW/230.5 0.00 93 37 WWIS ON Well ID: 1508151 E/232.7 0.00 94 38 WWIS ON Well ID: 1508387 E/241.3 1.00 96 38 WWIS ON Well ID: 1508387 E/241.3 1.00 98	<u>34</u>	WWIS			E/229.0	0.00	<u>89</u>
Image: Constraint of the sector of the se					F6F/000 0	1.00	
36 GEN SOMERSET TOWERS 2045 CARLING AVENUE OTTAWA ON K2A 1G5 WSW/230.5 0.00 93 37 WWIS ON P P P P P 38 WWIS ON ON P P P P P 38 WWIS ON ON P	<u>35</u>	WWIS			ESE/230.0	1.00	<u>91</u>
37 WWIS ON 38 WWIS ON 38 WWIS ON WWIS ON WWIS ON ON E/241.3 1.00 96 38 WWIS ON ON WWIS ON ON E/241.3 1.00 96 ON ON ON ON				Well ID: 1508142			
ON Well ID: 1508151 38 WWIS ON Well ID: 1508387 E/241.3 1.00 96 WWIS ON WWIS ON WWIS ON	<u>36</u>	GEN	SOMERSET TOWERS		WSW/230.5	0.00	<u>93</u>
ON Well ID: 1508151 38 WWIS ON Well ID: 1508387 E/241.3 1.00 96 WWIS ON WWIS ON WWIS ON					E /000 7	0.00	
38 WWIS ON Well ID: 1508387 E/241.3 1.00 96 38 WWIS ON E/241.3 1.00 98	<u>37</u>	WWIS			E/232.7	0.00	<u>94</u>
ON Well ID: 1508387 38 WWIS ON				Well ID: 1508151			
38 WWIS ON E/241.3 1.00 98	<u>38</u>	WWIS		ON	E/241.3	1.00	<u>96</u>
ON —				Well ID: 1508387			
	38	WWIS			E/241.3	1.00	<u>98</u>
				Well ID: 1508392			

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction		<u>Map Key</u>
	ON	SE	140.99	<u>11</u>
	ON	SW	224.22	<u>30</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 3 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW	97.99	<u>8</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW	97.99	<u>8</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW	97.99	<u>8</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Nov 30, 2019 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW	97.99	<u>8</u>

Equal/Higher Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW	97.99	<u>8</u>
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW	97.99	<u>8</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	1983 Carling Avenue Ottawa ON K2A 1E9	ENE	79.84	<u>4</u>
	1983 Carling Ave Ottawa ON K2A1E9	NE	86.27	5
Lower Elevation	<u>Address</u>	Direction	Distance (m)	<u>Map Key</u>
	2001 Carling Ave Ottawa ON K2A 3W5	wsw	57.07	<u>2</u>
	2001 Carling Ave Ottawa ON K2A3W5	WSW	57.11	<u>3</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2019 has found that there are 4 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	<u>Distance (m)</u>	<u>Map Key</u>
SOMERSET TOWERS	2045 CARLING AVENUE OTTAWA ON K2A 1G5	WSW	230.53	<u>36</u>

Lower Elev	vation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
12	erisinfo.com Enviro	onmental Risk Information	Services		Order No: 20191210007

Homestead Land Holdings Ltd. Homestead Land Holdings Ltd.	2001 Carling Avenue OTTAWA ON K2A 3W5	WSW	57.07	<u>2</u>
HOMESTEAD LANDHOLDINGS	2001 CARLING AVE OTTAWA ON K2A 3W5	WSW	57.07	<u>2</u>
Homestead Land Holdings Ltd.	2001 CARLING AVENUE OTTAWA ON K2A 3W5	WSW	57.07	<u>2</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	Direction	Distance (m)	<u>Map Key</u>
City of Ottawa	Carling Ave at Bromley Ottawa ON	ESE	32.68	1
Lower Elevation	<u>Address</u>	Direction	<u>Distance (m)</u>	<u>Map Key</u>
	2001 Carling Ave. Westbound lane Ottawa ON	WSW	57.07	2
S. 21	1945 LAUDER STREET <unofficial> Ottawa ON K2A 1B2</unofficial>	Ν	217.16	<u>26</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 30 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	<u>Map Key</u>
	ON Well ID: 1507985	SSW	88.34	<u>6</u>
	ON <i>Well ID:</i> 1508461	ESE	91.73	<u>7</u>

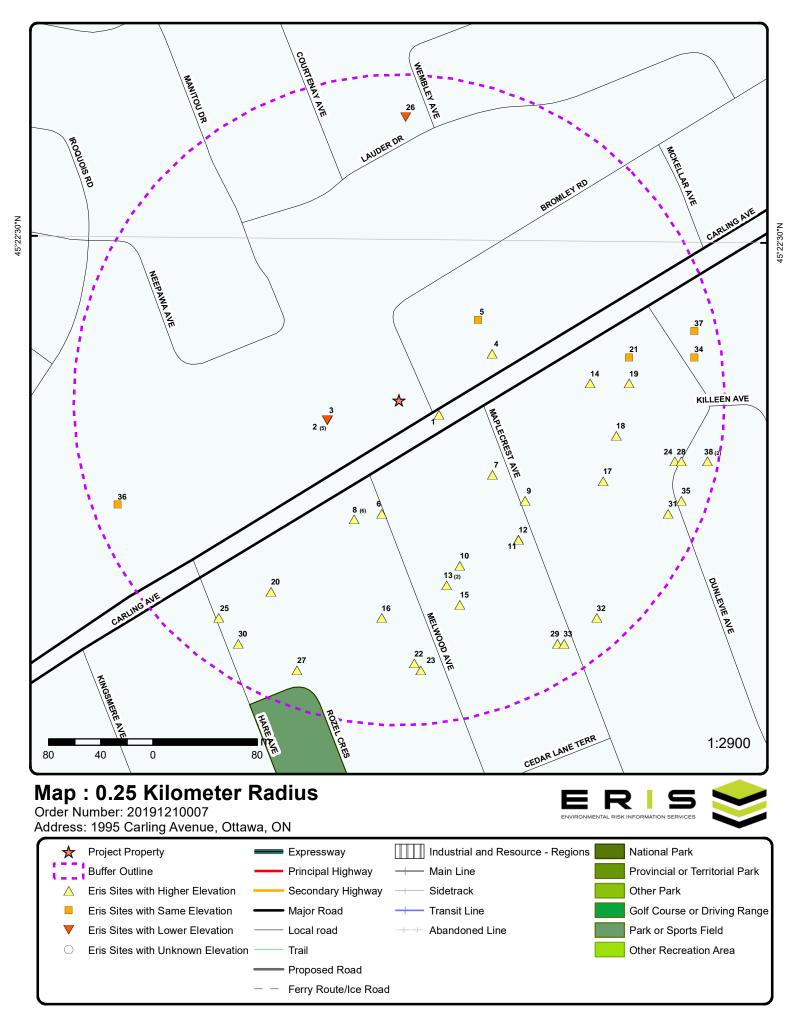
Equal/Higher Elevation	Address	Direction ESE	<u>Distance (m)</u> 123.74	Map Key
	ON	LOL	120.74	<u>9</u>
	Well ID: 1508463			
		005	105 50	
	ON	SSE	135.59	<u>10</u>
	Well ID: 1508465			
	lot 28 con 2 ON	SE	141.11	<u>12</u>
	Well ID: 1510604			
	ON	SSE	146.96	<u>13</u>
	Well ID: 1508482			
	Wen ID. 1506462			
		SSE	146.96	<u>13</u>
	ON			
	Well ID: 1508483			
		E	147.16	14
	ON			—
	Well ID: 1508000			
		SSE	164.08	45
	ON	SSE	104.00	<u>15</u>
	Well ID: 1508486			
	ON	S	167.86	<u>16</u>
	Well ID: 1508480			
	ON	ESE	168.56	<u>17</u>
	Well ID: 1508135			
	01	E	168.84	<u>18</u>
	ON			
	Well ID: 1508143			
		E	177.07	19
	ON			_
	Well ID: 1508152			
		SW	177.16	<u>20</u>
	ON			

Address Well ID: 1507991	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ON Well ID: 1508390	E	179.61	<u>21</u>
lot 28 con 2 ON	S	202.66	<u>22</u>
Well ID: 1510599	0	007.00	
ON <i>Well ID:</i> 1508481	S	207.99	<u>23</u>
ON	E	216.84	<u>24</u>
Well ID: 1508132	SW	217.14	25
ON Well ID: 1508231			_
ON <i>Well ID:</i> 1508857	SSW	221.65	<u>27</u>
ON	E	221.72	<u>28</u>
Well ID: 1507979			
lot 28 con 2 ON <i>Well ID:</i> 1510601	SE	223.34	<u>29</u>
lot 28 con 2 ON	ESE	224.31	<u>31</u>
Well ID: 1510600	or	005 70	
ON <i>Well ID:</i> 1508460	SE	225.79	<u>32</u>
ON	SE	226.10	<u>33</u>
Well ID: 1508462			

Equal/Higher Elevation

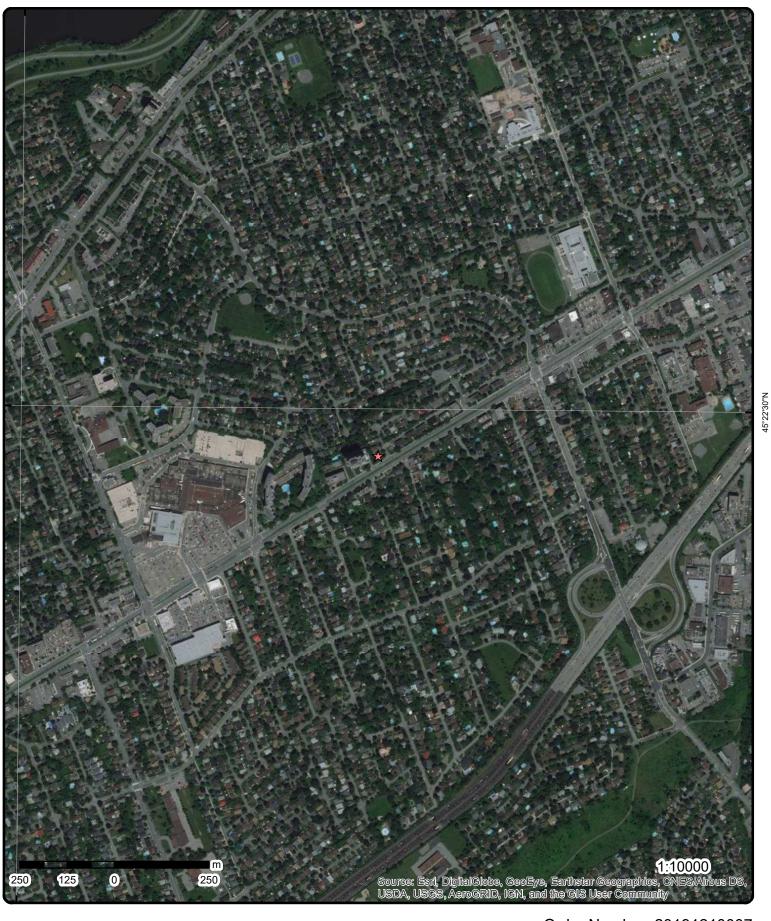
Equal/Higher Elevation	Address	Direction	Distance (m)	<u>Map Key</u>
	ON	E	228.96	<u>34</u>
	Well ID: 1508149			
	ON	ESE	230.00	<u>35</u>
	Well ID: 1508142			
	ON	E	232.65	<u>37</u>
	Well ID: 1508151			
	ON	E	241.30	<u>38</u>
	Well ID: 1508392			
	ON	E	241.30	<u>38</u>

Well ID: 1508387



Source: © 2015 DMTI Spatial Inc.

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Aerial Year: 2017

Address: 1995 Carling Avenue, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20191210007



© ERIS Information Limited Partnership



Topographic Map

Address: 1995 Carling Avenue, ON

Source: ESRI World Topographic Map

Order Number: 20191210007



© ERIS Information Limited Partnership

Detail Report

Мар Кеу	Number Records		Elev/Diff) (m)	Site		DB
<u>1</u>	1 of 1	ESE/32.7	80.9 / 1.00	City of Ottawa Carling Ave at Bromle Ottawa ON	ру У	SPL
Ref No:		0256-9HFSFM		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		2014/03/22		Health/Env Conseq:		
Year: Incident Cau	ISA'	Collision/Accident		Client Type: Sector Type:	Motor Vehicle	
Incident Eve		Completing Condent		Agency Involved:		
Contaminan		15		Nearest Watercourse:		
Contaminan	t Name:	TRANSMISSION OIL		Site Address:	Carling Ave at Bromley	
Contaminan				Site District Office:		
Contam Lim	•			Site Postal Code:		
Contaminan Environmen		Not Anticipated		Site Region: Site Municipality:	Ottawa	
Nature of Im		Other Impact(s)		Site Lot:	Ollawa	
Receiving M				Site Conc:		
Receiving E				Northing:		
MOE Respon		No Field Response		Easting:		
Dt MOE Arvl		2014/03/22		Site Geo Ref Accu:		
MOE Report Dt Documen		2014/10/29		Site Map Datum: SAC Action Class:	Land Spills	
Incident Rea		Material Failure - Poor Des Material	ign/Substandard	Source Type:		
Site Name: Site County/ Site Geo Rei Incident Sun Contaminan	f Meth: nmary:	-	mision fluid. <uno< td=""><td></td><td></td><td></td></uno<>			
<u>2</u>	1 of 5	WSW/57.1	79.8 / -0.08	HOMESTEAD LANDH 2001 CARLING AVE OTTAWA ON K2A 3W		GEN
Generator N	'n.	ON7030619		PO Box No:		
Status:	0.			Country:		
Approval Ye	ars:	03,04		Choice of Contact:		
Contam. Fac				Co Admin:		
MHSW Facil	ity:			Phone No Admin:		
SIC Code: SIC Descript	tion:					
2	2 of 5	WSW/57.1	79.8 / -0.08	2001 Carling Ave Ottawa ON K2A 3W5		EHS
=				Nooroot Interesting		
		20121020016		Nearest Intersection:		
Order No:		20121030016 C		Municipality		
Order No: Status:	e	C		Municipality: Client Prov/State:	ON	
Order No:				Municipality: Client Prov/State: Search Radius (km):	ON .25	
Order No: Status: Report Type Report Date. Date Receive	: ed:	C Custom Report		Client Prov/State: Search Radius (km): X:	.25 -75.763552	
Order No: Status: Report Type Report Date.	: ed: e Name:	C Custom Report 05-NOV-12		Client Prov/State: Search Radius (km):	.25	

	Numbe Record			Site		DE
<u>2</u>	3 of 5	WSW/57.1	79.8 / -0.08	2001 Carling Ave. We Ottawa ON	stbound lane	SPL
Ref No:		4371-A83RN4		Discharger Report:		
Site No:		NA		Material Group:		
Incident Dt:		2016/03/15		Health/Env Conseq:		
Year:				Client Type:	Lieles sure / NI/A	
Incident Ca Incident Eve		Collision/Accident		Sector Type: Agency Involved:	Unknown / N/A	
Contaminar		27		Nearest Watercourse:		
Contaminar		COOLANT N.O.S.		Site Address:	2001 Carling Ave. Westbound lane	
Contaminar	nt Limit 1:			Site District Office:	ç	
Contam Lim				Site Postal Code:		
Contaminan				Site Region:	0.11	
Environmen	•			Site Municipality:	Ottawa	
Nature of In Receiving N				Site Lot: Site Conc:		
Receiving R		Surface Water		Northing:		
MOE Respo		No		Easting:		
Dt MOE Arv				Site Geo Ref Accu:		
MOE Report		2016/03/15		Site Map Datum:		
Dt Documer				SAC Action Class:	Watercourse Spills	
Incident Rea	ason:	Equipment Failure		Source Type:		
Site Name: Site County	District:	OC Transpo A	ccident <unofficial></unofficial>			
Site Geo Re						
Incident Su		OC Transpo -	5-10L of coolant to stor	m sewer		
Contaminar	nt Qty:	10 L				
<u>2</u>	4 of 5	WSW/57.1	79.8 / -0.08	Homestead Land Hole 2001 CARLING AVEN OTTAWA ON K2A 3W	UE	GEN
Generator N	lo:	ON2995038		PO Box No:		
Status:				Country:	Canada	
	are	2015				
				Choice of Contact:	CO_OFFICIAL	
Contam. Fa	cility:	No		Co Admin:	CO_OFFICIAL	
Contam. Fac MHSW Facil	cility:	No No			CO_OFFICIAL	
Contam. Fac MHSW Facil SIC Code:	cility: lity:	No No 531310	E PROPERTY MANAG	Co Admin: Phone No Admin:	CO_OFFICIAL	
Contam. Fac MHSW Facil SIC Code:	cility: lity:	No No 531310	E PROPERTY MANAG	Co Admin: Phone No Admin:	CO_OFFICIAL	
Contam. Fac MHSW Facil SIC Code: SIC Descrip	cility: lity:	No No 531310	E PROPERTY MANAG	Co Admin: Phone No Admin:	CO_OFFICIAL	
Approval Ye Contam. Fac MHSW Faci SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class	cility: lity: htion:	No No 531310	E PROPERTY MANAG	Co Admin: Phone No Admin:	CO_OFFICIAL	
Contam. Fa MHSW Faci SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class	cility: lity: htion: s:	No S31310 REAL ESTATE	E PROPERTY MANAG ENT/COATING RESIDU	Co Admin: Phone No Admin: ERS	CO_OFFICIAL	
Contam. Fac MHSW Faci SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class Waste Class	cility: lity: htion: s: s Desc:	No No 531310 REAL ESTATE 145 PAINT/PIGME		Co Admin: Phone No Admin: ERS	CO_OFFICIAL	
Contam. Fai MHSW Facil SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class Waste Class Waste Class	cility: lity: stion: s: s Desc: s:	No S31310 REAL ESTATE 145 PAINT/PIGME 112	NT/COATING RESIDU	Co Admin: Phone No Admin: ERS	CO_OFFICIAL	
Contam. Fai MHSW Facil SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class Waste Class	cility: lity: stion: s: s Desc: s:	No S31310 REAL ESTATE 145 PAINT/PIGME 112		Co Admin: Phone No Admin: ERS	CO_OFFICIAL	
Contam. Fai MHSW Facil SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class Waste Class Waste Class Waste Class	cility: lity: htion: s: s Desc: s: s Desc: s:	No S31310 REAL ESTATE 145 PAINT/PIGME 112 ACID WASTE 122	NT/COATING RESIDU	Co Admin: Phone No Admin: ERS JES	CO_OFFICIAL	
Contam. Fai MHSW Facil SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class Waste Class Waste Class Waste Class	cility: lity: htion: s: s Desc: s: s Desc: s:	No S31310 REAL ESTATE 145 PAINT/PIGME 112 ACID WASTE 122	NT/COATING RESIDU	Co Admin: Phone No Admin: ERS JES	CO_OFFICIAL	
Contam. Fai MHSW Facil SIC Code: SIC Descrip <u>Detail(s)</u> Waste Class Waste Class Waste Class Waste Class	cility: lity: htion: s: s Desc: s: s Desc: s: s Desc: s:	No No 531310 REAL ESTATE 145 PAINT/PIGME 112 ACID WASTE 122 ALKALINE WA 213	NT/COATING RESIDU	Co Admin: Phone No Admin: ERS JES	CO_OFFICIAL	

Map Key	Number Records		Elev/Diff (m)	Site		DB
Status: Approval Yea Contam. Fac MHSW Facili SIC Code:	Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description: Detail(s)	ON6352626 Registered As of Jul 2019		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class Waste Class		312 P Pathological waster	S			
<u>3</u>	1 of 1	WSW/57.1	79.8 / -0.08	2001 Carling Ave Ottawa ON K2A3W5		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20180102009 C Standard Report 05-JAN-18 02-JAN-18		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.763601 45.373746	
<u>4</u>	1 of 1	ENE/79.8	79.9/0.07	1983 Carling Avenue Ottawa ON K2A 1E9		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20051117009 C Custom Report 11/25/2005 11/17/2005		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON 0.25 -75.761992 45.374216	
5	1 of 1	NE/86.3	79.9 / 0.00	1983 Carling Ave Ottawa ON K2A1E9		EHS
Order No: Status: Report Type Report Date: Date Receive Previous Situ Lot/Building Additional In	ed: e Name: Size:	20150210066 C Custom Report 17-FEB-15 10-FEB-15		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.762134 45.374448	
<u>6</u>	1 of 1	SSW/88.3	80.9 / 1.00	ON		wwis
Well ID: Constructior Primary Wate Sec. Water U Final Well St Water Type: Casing Mate	er Use: Ise: atus:	1507985 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 5/13/1952 Yes 3725 1	

Order No: 20191210007

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy.	: iability: rock: Bedrock: Level: :			Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Inf	ormation					
Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer:	7 s: r c: Bedrock ted: 8/14/198 rce Date: Location Source: Location Method: ion Comment: ment: ment: and Bedrock rval			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	83.201858 18 440250.7 5024682 9 unknown UTM p9	
Color: General Colo. Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En Formation En	n Material: Is: Is: p Depth:	11 GRAVEL 3 7 ft				
<u>Overburden a</u> Materials Inte						
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To	r: n Material: Is: Is:	931008534 1 05 CLAY 0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Er Formation Er	nd Depth: nd Depth UOM:	3 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID	:	931008536			
Layer:		3			
Color: General Colo	r:	1 WHITE			
Mat1:		15			
Most Commo Mat2: Other Materia		LIMESTONE			
Mat3: Other Materia	als:				
Formation To	op Depth:	7			
Formation Er		120			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	tion				
Pipe ID:		10578590			
Casing No: Comment: Alt Name:		1			
<u>Construction</u>	Record - Casing				
Casing ID:		930052697			
Layer:		2			
Material: Open Hole or	^r Material:	4 OPEN HOLE			
Depth From:					
Depth To:	otori	120 5			
Casing Diam Casing Diam	eter UOM:	inch			
Casing Depth	n UOM:	ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930052696			
Layer: Material:		1 1			
Depth From:	Material:	STEEL			
Depth To:		20			
Casing Diam Casing Diam	eter: eter UOM:	5 inch			
Casing Diam	n UOM:	inch ft			
Sasing Depti					

Results of Well Yield Testing

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test IL	D:	991507985			
Pump Set At	:				
Static Level:		35			
Final Level A	fter Pumping:	45			
Recommend	ed Pump Depth:				
Pumping Rat	te:				
Flowing Rate					
	ed Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Du					
Pumping Du					
Flowing:		Ν			
Water Details	5				
Water ID:		933462303			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	100			
	Depth UOM:	ft			

<u>7</u>	1 of 1	ESE/91.7	80.9 / 1.00	ON		wwis
Elevation (Elevation I Depth to B Well Depth	ater Use: Use: Status: e: terial: on Method: (m): Reliability: edrock: n: n/Bedrock: : er Level: (N):	1508461 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: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/15/1951 Yes 5448 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole	Information					
Bore Hole DP2BR: Spatial Sta Code OB: Code OB D Open Hole Cluster Kir	tus: Desc: : nd:	10030495 3 r Bedrock		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	82.893241 18 440335.7 5024712 5	
Date Comp	oleted:	12/11/1950		UTMRC Desc:	margin of error : 100 m - 300 m	

UTMRC Desc: Location Method:

р5

Date Completed: Remarks: Elevrc Desc: Location Source Date:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden al</u> Materials Inter					
Formation ID: Layer: Color: General Color		931009726 1			
Mat1: Most Commor Mat2:	n Material:	02 TOPSOIL 09			
Other Material Mat3: Other Material Formation Top	s:	MEDIUM SAND			
Formation End Formation End	d Depth:	3 ft			
<u>Overburden al</u> Materials Inter					
Formation ID: Layer: Color:		931009727 2			
General Color Mat1: Most Commor Mat2:	n Material:	15 LIMESTONE			
Other Material Mat3: Other Material Formation Top	s:	3			
Formation End Formation End	d Depth:	104 ft			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	ruction Code: ruction:	1 Cable Tool			
<u>Pipe Informati</u>	<u>on</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579065 1			
Construction	Record - Casing				
Casing ID: Layer: Material:	1 - 1 - 1 - 1	930053635 2 4			
<i>Open Hole or I Depth From: Depth To:</i>	waterial:	OPEN HOLE			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diam		5			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930053634			
Layer:		1			
Material:	" Matarial	1 STEEL			
Open Hole o Depth From:		STEEL			
Depth To:		9			
Casing Diam	eter:	5			
Casing Diam		inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	/ell Yield Testing				
Pump Test II		991508461			
Pump Set At					
Static Level:		15			
	After Pumping: led Pump Depth:	33			
Pumping Ra		7			
Flowing Rate					
Recommend	led Pump Rate:				
Levels UOM.	:	ft			
Rate UOM:	After Test Carles	GPM			
Water State	After Test Code:	1 CLEAR			
Pumping Tes		1			
Pumping Du		0			
Pumping Du		30			
Flowing:		Ν			
Water Detail	<u>s</u>				
Water ID:		933462972			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	104			
Water Found	Depth UOM:	ft			
<u>8</u>	1 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2	CA
Certificate #		3252-7JUJB4			
Application	Year:	2008			
Issue Date:	n 01	9/26/2008 Municipal and Briva	to Sowage Marks		
Approval Ty Status:	pe:	Municipal and Priva Approved	ale Sewage Works		
Application	Type:	Appioved			
Client Name					
Client Addre					
Client City:					
Client Posta					
Project Desc Contaminant					
Emission Co					

	Number Records		Elev/Diff (m)	Site		DE
<u>8</u>	2 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2		CA
ertificate #	<i>t:</i>	3696-7SLNAB				
pplication	Year:	2009				
ssue Date:		6/9/2009				
Approval Ty Status:	/pe:	Municipal and Priva Approved	ate Sewage works			
pplication	Type [.]	Approved				
lient Name						
lient Addre	ess:					
Client City:						
lient Posta						
Project Des Contaminan						
mission Co						
<u>8</u>	3 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2		СА
Certificate #		4683-7T3KKA				
Application ssue Date:	Year:	2009 6/17/2009				
Approval Ty	/ne [.]	Municipal and Priva	ate Sewage Works			
Status:	,pc.	Approved	ale contage frome			
Application	Туре:					
Client Name	ə:					
	ess:					
Client Addre Client City:						
Client City: Client Posta	al Code:					
Client City: Client Posta Project Dese	al Code: cription:					
Client City: Client Posta Project Desc Contaminan	al Code: cription: nts:					
Client City: Client Posta Project Dese Contaminan Emission Co	al Code: cription: hts: ontrol:	0 80/W22	80.9 / 1.00	4042841 Canada Inc		
Client City: Client Posta Project Desc Contaminan	al Code: cription: nts:	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4		ECA
Client City: Client Posta Project Desc Contaminan Emission Co	al Code: cription: hts: ontrol: 4 of 6	SSW/98.0 3252-7JUJB4	80.9 / 1.00	2000 Carling Ave	Ottawa	ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da	al Code: cription: hts: ontrol: 4 of 6 o:	3252-7JUJB4 2008-09-26	80.9 / 1.00	2000 Carling Ave Ottawa ON K2A 1P4		ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status:	al Code: cription: hts: ontrol: 4 of 6 0: ate:	3252-7JUJB4 2008-09-26 Approved	80.9 / 1.00	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude:	-75.76338	ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>B</u> Approval No Approval Da Status: Record Type	al Code: cription: hts: ontrol: 4 of 6 o: ate: e:	3252-7JUJB4 2008-09-26 Approved ECA	80.9 / 1.00	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude:		ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>B</u> Approval No Approval Da Status: Record Type .ink Source	al Code: cription: hts: ontrol: 4 of 6 o: ate: e:	3252-7JUJB4 2008-09-26 Approved ECA IDS	80.9 / 1.00	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X:	-75.76338	ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N	al Code: cription: hts: ontrol: 4 of 6 o: ate: e: e: e: vame:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley		2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	-75.76338	ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Typo Link Source SWP Area N Approval Ty	al Code: cription: hts: ontrol: 4 of 6 o: ate: e: e: e: lame: /pe:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL A	AND PRIVATE SEV	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS	-75.76338	ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Type Project Type	al Code: cription: hts: ontrol: 4 of 6 o: ate: e: e: e: lame: /pe:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley	AND PRIVATE SEV	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS	-75.76338	ECA
Client City: Client Posta Project Desc Contaminant Emission Co <u>8</u> Approval No Chaproval Da Status: Record Type SWP Area N Approval Ty Project Type Address: Full Address	al Code: cription: nts: ontrol: 4 of 6 o: ate: e: kame: /pe: e: s:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND F 2000 Carling Ave	AND PRIVATE SEV PRIVATE SEWAGE	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS WORKS	-75.76338 45.373062	ECA
Client City: Client Posta Project Desc Contaminant Emission Co <u>8</u> Approval No Chaproval Da Status: Record Type SWP Area N Approval Ty Project Type Address: Full Address	al Code: cription: nts: ontrol: 4 of 6 o: ate: e: kame: /pe: e: s:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND F 2000 Carling Ave	AND PRIVATE SEV PRIVATE SEWAGE	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS	-75.76338 45.373062	ECA
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Type Address: Full Address Full PDF Lin	al Code: cription: nts: ontrol: 4 of 6 0: ate: e: s: lame: /pe: e: s: nk:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND F 2000 Carling Ave https://www.access	AND PRIVATE SEV PRIVATE SEWAGE senvironment.ene.g	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS WORKS	-75.76338 45.373062	
Client City: Client Posta Project Dese Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Type Address: Full Address	al Code: cription: nts: ontrol: 4 of 6 o: ate: e: kame: /pe: e: s:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND F 2000 Carling Ave	AND PRIVATE SEV PRIVATE SEWAGE	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS WORKS	-75.76338 45.373062	ECA
Client City: Client Posta Project Desc Contaminant Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Typ Project Type Address: Full Address Full PDF Lin	al Code: cription: hts: ontrol: 4 of 6 0: ate: e: s: kame: /pe: e: s: hk: 5 of 6	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL A MUNICIPAL AND F 2000 Carling Ave https://www.access	AND PRIVATE SEV PRIVATE SEWAGE senvironment.ene.g	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS WORKS WORKS wor.on.ca/instruments/7247-7 4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4	-75.76338 45.373062 7JMHA5-14.pdf	
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Type Address: Full Address Full PDF Lin	al Code: cription: nts: ontrol: 4 of 6 o: ate: e: s: lame: /pe: e: s: nk: 5 of 6	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND F 2000 Carling Ave https://www.access	AND PRIVATE SEV PRIVATE SEWAGE senvironment.ene.g	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: NAGE WORKS WORKS WORKS works 4042841 Canada Inc. 2000 Carling Ave	-75.76338 45.373062	
Client City: Client Posta Project Desc Contaminan Emission Co <u>8</u> Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Type Address: Full Address Full Address Full PDF Lin <u>8</u> Approval No	al Code: cription: nts: ontrol: 4 of 6 o: ate: e: e: s: hk: 5 of 6 o: ate:	3252-7JUJB4 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND F 2000 Carling Ave https://www.access SSW/98.0	AND PRIVATE SEV PRIVATE SEWAGE senvironment.ene.g	2000 Carling Ave Ottawa ON K2A 1P4 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS WORKS WORKS WORKS MORKS 4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4 MOE District:	-75.76338 45.373062 7JMHA5-14.pdf	

Мар Кеу	Numbe Record		-	Elev/Diff (m)	Site		DB
Link Source: SWP Area Na Approval Type Project Type: Address: Full Address Full PDF Link	ame: be: :	MUNICIPAL 2000 Carling	AND PI Ave	RIVATE SEWA	Geometry X: Geometry Y: EWAGE WORKS GE WORKS .gov.on.ca/instruments/1461	-7SDR8A-14.pdf	
<u>8</u>	6 of 6	SSW/98.0		80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4		ECA
Approval No: Approval Dat Status: Record Type Link Source: SWP Area Na Approval Typ Project Type Address: Full Address Full PDF Link	te: :: ame: : : :	MUNICIPAL 2000 Carling	AND PI J Ave	RIVATE SEWAG	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: EWAGE WORKS GE WORKS	Ottawa -75.76338 45.373062 3-7T2NJD-14.pdf	
<u>9</u>	1 of 1	ESE/123.7		80.9 / 1.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rei Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: Ise: atus: rial: n Method:): liability: liability: liock: Bedrock: Level:):	1508463 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: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 6/10/1954 Yes 4216 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Int DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou	: sc: : ted:	10030497 10 r Bedrock 5/1/1954			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.617988 18 440360.7 5024692 5 margin of error : 100 m - 300 m p5	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden al</u> Materials Inter					
Formation ID: Layer: Color:		931009731 2			
General Color Mat1: Most Commor		15 LIMESTONE			
Mat2: Other Material Mat3: Other Material					
Formation Top Formation End Formation End	o Depth: d Depth:	10 102 ft			
<u>Overburden al</u> <u>Materials Inter</u>					
Formation ID: Layer: Color:		931009730 1			
General Color Mat1: Most Commor Mat2:		05 CLAY			
Other Material Mat3: Other Material	s:				
Formation Top Formation End Formation End	d Depth:	0 10 ft			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	ruction Code: ruction:	1 Cable Tool			
<u>Pipe Informati</u>	<u>on</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579067 1			
Construction	Record - Casing				
Casing ID: Layer: Material:	1 - 1 - 1 - 1	930053638 1 1			
Open Hole or I Depth From: Depth To:	wateriai:	STEEL 14			

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diame Casing Diame Casing Depth	eter UOM:	5 inch ft				
Construction	Record - Cas	sing				
Casing ID:		930053639				
Layer:		2				
Material:		4				
Open Hole or Depth From:	Material:	OPEN HOLE				
Depth To:		102				
Casing Diame	eter:	5				
Casing Diame		inch				
Casing Depth		ft				
<u>Results of We</u>	ell Yield Testi	ing				
Pump Test ID	:	991508463				
Pump Set At:						
Static Level:		12				
Final Level A						
Recommende Pumping Rate		<i>tn:</i> 6				
Flowing Rate		0				
Recommende) :				
Levels UOM:	•	ft				
Rate UOM:		GPM				
Water State A						
Water State A		CLEAR				
Pumping Tes Pumping Dur		1 0				
Pumping Dur		20				
Flowing:		N				
Water Details						
Water ID:		933462975				
Layer:		2				
Kind Code:		1				
Kind:	_	FRESH				
Water Found		102 ft				
Water Found	Depth UOW:	п				
<u>Water Details</u>						
Water ID:		933462974				
Layer:		1				
Kind Code:		1				
Kind: Water Found	Donth	FRESH 60				
Water Found Water Found		ft				
10	1 of 1	SSE/135.6	81.9/2.00			14/14/10
_				ON		WWIS
Well ID:	1	508465		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate		Domestic		Date Received:	2/3/1956	
Sec. Water Us				Selected Flag:	Yes	
Final Well Sta Water Type:	nus: V	Vater Supply		Abandonment Rec: Contractor:	4216	

Order No: 20191210007

Map Key Num Reco	ber of ords	Direction/ Distance (m)	Elev/Diff (m)	Site		D
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:				Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Informatio	<u>n</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Dat Improvement Locatio Source Revision Cor Supplier Comment: <u>Overburden and Beo</u> Materials Interval	on Source: on Method: nment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.508323 18 440310.7 5024642 5 margin of error : 100 m - 300 m p5	
Formation ID: Layer: Color: General Color: Mat1: Most Common Mater Mat2: Other Materials: Formation Top Depth Formation End Depth Formation End Depth	ial: ()	931009734 1 05 CLAY 0 18 ft				
Overburden and Bed Materials Interval	rock					
Formation ID: Layer: Color: General Color: Mat1: Most Common Mater Mat2: Other Materials: Mat3: Other Materials:	:	931009735 2 15 LIMESTONE				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation T		18			
Formation E		126			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction Code: struction:	1 Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	tion				
Pipe ID:		10579069			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053643			
Layer:		2			
Material: Open Hole o	r Mətorial:	4 OPEN HOLE			
Depth From:		OFENHOLE			
Depth To:		126			
Casing Diam		5			
Casing Diam		inch ft			
Casing Dept		п			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053642			
Layer:		1			
Material:	u Matavial.	1 STEEL			
Open Hole o Depth From:		SIEEL			
Depth To:		18			
Casing Diam		5			
Casing Diam		inch ft			
Casing Dept		п			
<u>Results of W</u>	lell Yield Testing				
Pump Test II		991508465			
Pump Set At	:				
Static Level:		12 15			
	After Pumping: led Pump Depth:	10			
Pumping Rat	te:	6			
Flowing Rate	ə:				
	ed Pump Rate:	f+			
Levels UOM: Rate UOM:		ft GPM			
	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes		1			
Pumping Du Pumping Du		0 30			
Flowing:		30 N			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Detail	<u>'s</u>					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	d Depth: d Depth UOM:	933462977 1 FRESH 45 ft				
<u>11</u>	1 of 1	SE/141.0	81.9/2.03	ON		BORE
Borehole ID.	61276	64		Inclin FLG:	No	

Borehole Geology Stratum	

Completion Date:

Static Water Level:

Primary Water Use:

Orig Ground Elev m:

DEM Ground Elev m:

Elev Reliabil Note:

Sec. Water Use:

Total Depth m:

Depth Ref:

Depth Elev:

Drill Method:

Concession: Location D: Survey D: Comments:

Geology Stratum ID:218392399Top Depth:1.5Bottom Depth:3Material Color:GravelMaterial 1:GravelMaterial 2:Atterial 3:Material 3:GravelMaterial 4:GravelStratum Description:GRAVEL.

FEB-1949

Ground Surface

27.4

80.8

82.5

Geology Stratum ID: 218392398 Top Depth: 0 Bottom Depth: 1.5 Material Color: Material 1: Clay Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: Geology Stratum ID: Top Depth: 3

Bottom Depth: Material Color: Material 1: Material 2: 218392400 3 27.4 Brown

Limestone

CLAY.

Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:

Municipality:

Latitude DD:

UTM Zone:

Easting:

Northing:

Accuracy:

Longitude DD:

Location Accuracy:

45.372934

-75.761718

Not Applicable

440356 5024662

18

Lot: Township:

Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:

Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	L
Material 3: Material 4:					Geologic Period: Depositional Gen:	
Gsc Material	l Descriptior	n:				
Stratum Des		LIN				GREY. F,FISSURED. CLAY. BROWN,GREY,S ted [Stratum Description] field.
Source						
Source Type	e:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:			urvey of Canada		Source Iden:	1
Source Date		1956-1972			Scale or Res:	Varies
Confidence: Observatio:					Horizontal: Verticalda:	NAD27 Mean Average Sea Level
Source Nam	<u>ه</u>	Urb	an Geology Auto	omated Informatio	on System (UGAIS)	Inean Average Sea Level
Source Deta				RecordID: 05272		
Confiden 1:						
Source List						
Source Iden		1			Horizontal Datum:	NAD27
Source Type		Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date Scale or Res		1956-1972 Varies			Projection Name:	Universal Transverse Mercator
Scale of Res			an Geology Auto	omated Informatio	on System (UGAIS)	
Source Origi			ological Survey o			
<u>12</u>	1 of 1	S	E/141.1	81.9/2.03	lot 28 con 2 ON	WW
Nell ID:		1510604			Data Entry Status:	
Construction		-			Data Src:	1
Primary Wat		Domestic			Date Received:	8/8/1951
Sec. Water L		0 Motor Supply			Selected Flag:	Yes
Final Well St Water Type:	latus.	Water Supply	,		Abandonment Rec: Contractor:	3725
Casing Mate	rial				Form Version:	1
Audit No:					Owner:	
Tag:					Street Name:	
Construction	n Method:				County:	OTTAWA-CARLETON
Elevation (m					Municipality:	OTTAWA CITY (NEPEAN)
Elevation Re					Site Info:	200
Depth to Bec Well Depth:	drock:				Lot:	028 02
overburden/	Bedrock:				Concession: Concession Name:	OF
Pump Rate:	Bearber.				Easting NAD83:	
Static Water	Level:				Northing NAD83:	
Flowing (Y/N					Zone:	
Flow Rate: Clear/Cloudy	v:				UTM Reliability:	
Bore Hole In						
Bore Hole ID) <i>.</i>	10032630			Elevation:	82.488311
DP2BR:	•	10032030			Elevrc:	
Spatial Statu	IS:	-			Zone:	18
Code OB:		r			East83:	440355.7
	SC:	Bedrock			North83:	5024662
					Org CS:	2
Code OB De Open Hole:					UTMRC:	9
Open Hole: Cluster Kind		0/45/4040				
Open Hole:		2/15/1949			UTMRC Desc: Location Method:	unknown UTM p9

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				
<u>Overburden and Bedrock</u> Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931015347 1 05 CLAY			
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 5 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931015348 2 11 GRAVEL 5 10 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth	931015349 3 1 WHITE 15 LIMESTONE 10 90 ft			
Method of Construction & Well Use				
Method Construction ID: Method Construction Code:	1			

_

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Cons Other Method	truction: l Construction:	Cable Tool				
<u>Pipe Informa</u>	tion					
Pipe ID: Casing No: Comment: Alt Name:		10581200 1				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	eter: eter UOM:	930057837 2 4 OPEN HOLE 90 5 inch ft				
Construction	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	eter: eter UOM:	930057836 1 STEEL 14 5 inch ft				
Results of W	ell Yield Testing					
Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Pumping Dur Flowing:	fter Pumping: ed Pump Depth: e: : ed Pump Rate: After Test Code: After Test: t Method: ation HR: ation MIN:	991510604 10 15 ft GPM 1 CLEAR 1 N				
<u>Water Details</u> Water ID:	1	933465630				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933403030 1 1 FRESH 80 ft				
37	erisinfo.com Env	vironmental Risk Info	rmation Service	S	 Order No: 2019121	0007

Map Key Number Record		Elev/Diff (m)	Site	DE
<u>13</u> 1 of 2	SSE/147.0	81.9/2.00	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):	1508483 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:	1 2/21/1951 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY
Flow Rate: Clear/Cloudy:			UTM Reliability:	
Bore Hole InformationBore Hole ID:10030517DP2BR:7Spatial Status:7Code OB:rCode OB Desc:BedrockOpen Hole:1/29/1951Cluster Kind:1/29/1951Remarks:Elevrc Desc:Location Source Date:Improvement Location Source:Improvement Location Method:Source Revision Comment:Supplier Comment:Supplier Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	82.326995 18 440300.7 5024627 5 margin of error : 100 m - 300 m p5
<u>Overburden and Bedroc Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	931009786 2 2 GREY 15			
Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth U	7 65 OM: ft			
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	<u>:K</u>			
38	om Environmental Risk Inf	formation Servic	es	Order No: 20191210007

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID):	931009785			
Layer:		1			
Color: General Colo					
General Cold Mat1:	Dr.	02			
Most Commo	on Material:	TOPSOIL			
Mat2:		09			
Other Materia	als:	MEDIUM SAND			
Mat3: Other Materia	ale				
Formation Te		0			
Formation E	nd Depth:	7			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons					
Method Cons Method Cons	struction Code:	1 Cable Tool			
	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10579087			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930053677			
Layer:		1			
Material:		1			
Open Hole of		STEEL			
Depth From: Depth To:		12			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053678			
Layer:		2			
Material:	* Motoriol				
Open Hole of Depth From:		OPEN HOLE			
Depth To:		65			
Casing Diam		4			
Casing Diam Casing Dept	eter UOM: h UOM:	inch ft			
<u>Results of W</u>	<u>ell Yield Testing</u>				
Pump Test IL	-	991508483			
Pump Set At	 :	001000000			
- · · ·					

99150848
11
12
6

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Recommend	ed Pump R	ate:					
Levels UOM:			ft				
Rate UOM:			GPM				
Water State A	After Test C	Code:	1				
Water State A			CLEAR				
Pumping Tes			1				
Pumping Du			0				
Pumping Du	ration MIN:		20				
Flowing:			Ν				
Water Details	S						
Water ID:			933463002				
Layer:			1				
Kind Code:							
Kind: Water Found	I Dorth		FRESH				
Water Found Water Found		И:	20 ft				
<u>13</u>	2 of 2		SSE/147.0	81.9/2.00	ON		ww
Well ID:		1508482	2		Data Entry Status:		
Construction					Data Src:	1	
Primary Wate		Domesti	C		Date Received:	2/21/1951	
Sec. Water U		0			Selected Flag:	Yes	
Final Well St	atus:	Water Su	upply		Abandonment Rec:	0705	
Water Type:					Contractor:	3725	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction					County:	OTTAWA-CARLETON	
Elevation (m)					Municipality:	OTTAWA CITY	
Elevation Re					Site Info: Lot:		
Depth to Bea Well Depth:	HOCK.				Concession:		
overburden/	Badrook				Concession Name:		
Pump Rate:	Deurock.				Easting NAD83:		
Static Water	I ovol:				Northing NAD83:		
Flowing (Y/N					Zone:		
Flow Rate:)-				UTM Reliability:		
Clear/Cloudy	<i>ı</i> :				e nii Kenabinty.		
Bore Hole Int	formation						
Bore Hole ID	15	1003051	6		Elevation:	82.326995	
DP2BR:		6			Elevrc:		
Spatial Statu	s:				Zone:	18	
Code OB:		r			East83:	440300.7	
Code OB Des	SC:	Bedrock			North83:	5024627	
Open Hole:					Org CS:	0	
~ · · · ·		1/05/405	4		UTMRC:	9 Unknown LITM	
	nea:	1/25/195			UTMRC Desc:	unknown UTM	
Date Comple					Location Method:	p9	
Date Comple Remarks:							
Date Comple Remarks: Elevrc Desc:							
Cluster Kind. Date Comple Remarks: Elevrc Desc: Location Sou	urce Date:	Sources					
Date Comple Remarks: Elevrc Desc: Location Sou Improvement	urce Date: t Location S						
Date Comple Remarks: Elevrc Desc: Location Sou	urce Date: t Location \$ t Location	Method:					

Overburden and Bedrock

• •	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Interval	!				
Formation ID: Layer:		931009784 2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common M Mat2:	aterial:	LIMESTONE			
Other Materials:					
Mat3:					
Other Materials:					
Formation Top D		6			
Formation End D		64 "			
Formation End D	epth UOM:	ft			
Overburden and Materials Interval					
Formation ID:		931009783			
Layer: Color:		1			
General Color:					
Mat1:		02			
Most Common M	aterial	TOPSOIL			
Mat2:	atoman	09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top D	epth:	0			
Formation End D		6			
Formation End D		ft			
<u>Method of Constr</u> <u>Use</u>	ruction & Well				
Method Construc					
Method Construct		1			
Method Construct		Cable Tool			
Other Method Co	nstruction:				
Pipe Information					
Pipe ID:		10579086			
Casing No:		1			
Comment:					
Alt Name:					
Construction Red	cord - Casing				
Casing ID:		930053675			
Layer:		1			
Material:		1			
Open Hole or Ma	terial:	STEEL			
Depth From:		40			
Depth To:	_	13			
Casing Diameter		4 inch			
Casing Diameter		inch			
Casing Depth UC	vivi:	ft			

Construction Record - Casing

Мар Кеу	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth Results of W	eter: eter UOM:	930053676 2 4 OPEN HOLE 64 4 inch ft				
Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM:	: After Pumping: led Pump Dept te: S: led Pump Rate After Test Cod After Test: st Method: ration HR:	th: 8 t: ft GPM				
Water Details Water ID: Layer: Kind Code: Kind: Water Found Water Found	_	933463001 1 1 FRESH 15 ft				
14 Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	n Date: er Use: D lse: 0 atus: W rial: n Method:): liability: drock: Bedrock: [Bedrock: Level:]):	<i>E/147.2</i> 508000 Pomestic Vater Supply	80.7/0.80	ON 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 10/6/1955 Yes 3718 1 OTTAWA-CARLETON OTTAWA CITY	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Bore Hole Info	rmation					
Bore Hole ID: DP2BR:	1003003 8	35		Elevation: Elevrc:	81.696113	
Spatial Status: Code OB:	r			Zone: East83:	18 440410.7	
Code OB. Code OB Desc		<		North83:	5024782	
Open Hole:	200.001			Org CS:	002.002	
Cluster Kind:				UTMRC:	9	
Date Complete Remarks:	ed: 10/1/19	55		UTMRC Desc: Location Method:	unknown UTM p9	
Elevrc Desc:				Location Method:	þ9	
Location Sour	ce Date:					
Improvement I Source Revisio						
Supplier Com	ment:					
<u>Overburden ar</u> <u>Materials Inter</u>						
Formation ID:		931008571				
Layer:		1				
Color:						
General Color: Mat1:		02				
Most Common	Material:	TOPSOIL				
Mat2:						
Other Material	s:					
Mat3: Other Material	e,					
Formation Top		0				
Formation End	Depth:	8				
Formation End	I Depth UOM:	ft				
<u>Overburden ar</u> Materials Inter						
Formation ID:		931008572				
Layer:		2				
Color: General Color:		2 GREY				
Mat1:		15				
Most Common	Material:	LIMESTONE				
Mat2: Other Material Mat3:	s:					
Other Material						
Formation Top		8				
Formation End Formation End		100 ft				
<u>Method of Con</u> <u>Use</u>	ostruction & Well					
Method Const	ruction ID:					
Method Const	ruction Code:	1				
Method Const Other Method		Cable Tool				
Pipe Information	<u>on</u>					

D

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	
Kind:			FRESH			
Water Found			60			
Water Found	Depth UON	1:	ft			
<u>15</u>	1 of 1		SSE/164.1	81.9/2.00	<u></u>	w
					ON	
Well ID: Construction	Date:	1508486	5		Data Entry Status: Data Src:	1
Primary Wate	er Use:	Domesti	с		Date Received:	4/1/1952
Sec. Water U	lse:	0			Selected Flag:	Yes
Final Well Sta	atus:	Water S	upply		Abandonment Rec:	
Water Type:					Contractor:	3725
Casing Mater	rial:				Form Version:	1
Audit No: Tag:					Owner: Street Name:	
Construction	Method.				County:	OTTAWA-CARLETON
Elevation (m					Municipality:	OTTAWA CITY
Elevation Re					Site Info:	
Depth to Bea	lrock:				Lot:	
Well Depth:					Concession:	
Overburden/	Bedrock:				Concession Name:	
Pump Rate: Static Water	l ovol:				Easting NAD83: Northing NAD83:	
Flowing (Y/N					Zone:	
Flow Rate:).				UTM Reliability:	
Clear/Cloudy	<i>'</i> :					
Bore Hole Ini	formation					
Bore Hole ID	:	1003052	20		Elevation:	82.194778
DP2BR:		10			Elevrc:	
Spatial Statu	s:				Zone:	18
Code OB: Code OB Des		r Bedrock			East83: North83:	440310.7 5024612
Open Hole:	sc.	Deulock			Org CS:	5024012
Cluster Kind.	-				UTMRC:	5
Date Comple		5/12/195	51		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:					Location Method:	p5
Elevrc Desc:						
Location Sou						
Improvement						
Improvement Source Revis						
Supplier Con						
<u>Overburden a</u> Materials Inte		<u>k</u>				
Formation ID			931009792			
Layer:	•		2			
Color:			1			
General Colo	or:		WHITE			
Mat1:	•• · · -		15			
Most Commo	on Material:		LIMESTONE			
Mat2: Othor Motori						
Other Materia Mat3:	ais:					
Mats: Other Materia	als:					
Formation To			10			
Formation E			66			
Formation Er		ОМ:	ft			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden Materials Inte					
Formation ID Layer:):	931009791 1			
Color: General Colo Mat1: Most Commo Mat2: Other Materia	on Material:	05 CLAY			
Mat3: Other Materia Formation To Formation El Formation El	op Depth:	0 10 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10579090 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053684 2 4 OPEN HOLE 66 4 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Depth	eter: eter UOM:	930053683 1 STEEL 20 4 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test IL Pump Set At Static Level:	:	991508486 8			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
	After Pumping:				
	led Pump Depth:				
Pumping Rat					
Flowing Rate					
	led Pump Rate:				
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:				
Water State					
Pumping Tes					
Pumping Du					
Pumping Du	ration MIN:				
Flowing:		Ν			
Water Details	<u>S</u>				
Water ID:		933463006			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	l Depth:	55			
	Depth UOM:	ft			
16	1 of 1	S/167.9	81.9/2.00		wwis

<u>16</u>	1 of 1	S/167.9	81.9/2.00			wwis
				ON		
Well ID:		1508480		Data Entry Status:		
Constructi	on Date:			Data Src:	1	
Primary Wa	ater Use:	Domestic		Date Received:	2/21/1951	
Sec. Water	Use:	0		Selected Flag:	Yes	
Final Well	Status:	Water Supply		Abandonment Rec:		
Water Type	ə:			Contractor:	3725	
Casing Ma	terial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Constructi	on Method:			County:	OTTAWA-CARLETON	
Elevation (m):			Municipality:	OTTAWA CITY	
Elevation F				Site Info:		
Depth to B				Lot:		
Well Depth				Concession:		
	n/Bedrock:			Concession Name:		
Pump Rate				Easting NAD83:		
Static Wate				Northing NAD83:		
Flowing (Y	,			Zone:		
Flow Rate:				UTM Reliability:		
Clear/Clou	dy:					

Bore Hole Information

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

Bore Hole ID:	10030514	Elevation:	82.297309
DP2BR:	8	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440250.7
Code OB Desc:	Bedrock	North83:	5024602
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/2/1950	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date	:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Con	nment:				
Overburden Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931009780			
Layer:		2			
Color: General Colo	pr-	2 GREY			
Mat1:	<i>.</i>	15			
Most Commo	on Material:	LIMESTONE			
Mat2: Other Materia					
Mat3:	ais:				
Other Materia	als:				
Formation To		8			
Formation E	nd Depth: nd Depth UOM:	74 ft			
FORMALION EI	а Беріп ООм.	ц			
Overburden Materials Inte	and Bedrock erval				
Formation ID)-	931009779			
Layer:		1			
Color:					
General Colo	or:	02			
Mat1: Most Commo	on Material:	TOPSOIL			
Mat2:		09			
Other Materia	als:	MEDIUM SAND			
Mat3: Other Materia					
Formation To		0			
Formation E	nd Depth:	8			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well	-			
Method Cons	struction ID:				
	struction Code:	1			
Method Cons	struction: d Construction:	Cable Tool			
	a construction.				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10579084			
Casing No:		1			
Comment: Alt Name:					
Construction	n Record - Casing				
Casing ID:		930053671			
Layer:		1			
Material:		1			
Open Hole of		STEEL			
Depth From: Depth To:		17			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

Construction Record - Casing

Casing ID:	930053672
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	74
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508480
Pump Set At:	
Static Level:	12
Final Level After Pumping:	14
Recommended Pump Depth:	
Pumping Rate:	8
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:	Ν

Water Details

Water ID:	933462999
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32
Water Found Depth UOM:	ft

<u>17</u>	1 of 1	ESE/168.6	80.9 / 1.00	ON		WWIS
Well ID: Construction Primary Water Sec. Water Final Well St Water Type Casing Mater Audit No: Tool	ater Use: Use: Status: e:	1508135 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	1 4/3/1952 Yes 3725 1	
Tag: Construction Elevation (Elevation F Depth to B Well Depth Overburde Pump Rate Static Wate Flowing (Y)	m): Reliability: edrock: : n/Bedrock: : er Level:			County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	OTTAWA-CARLETON OTTAWA CITY	

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		Di
Flow Rate: Clear/Cloudy:				UTM Reliability:		
Bore Hole Inform	ation					
Bore Hole ID:	1003017	0		Elevation:	82.194831	
DP2BR:	12			Elevrc:		
Spatial Status:				Zone:	18	
Code OB: Code OB Desc:	r Bedrock			East83: North83:	440420.7 5024707	
Open Hole:	Deulock			Org CS:	5024707	
Cluster Kind:				UTMRC:	9	
Date Completed:	2/27/195	52		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc:	Deter					
Location Source I Improvement Loc						
Improvement Loc						
Source Revision	Comment:					
Supplier Commer	nt:					
<u>Overburden and I</u> Materials Interval						
Formation ID:		931008895				
Layer:		3				
Color:						
General Color:		45				
Mat1: Most Common Ma	atorial:	15 LIMESTONE				
Mat2:	alenai.	LIMESTONE				
Other Materials:						
Mat3:						
Other Materials:		40				
Formation Top De Formation End De		12 108				
Formation End De		ft				
Overburden and I Materials Interval						
Formation ID:		931008893				
Layer:		1				
Color:						
General Color: Mat1:		02				
Most Common Ma	aterial:	TOPSOIL				
Mat2:						
Other Materials:						
Mat3:						
Other Materials: Formation Top De	nth:	0				
Formation Top De		6				
Formation End De	epth UOM:	ft				
<u>Overburden and I</u> <u>Materials Interval</u>						
Formation ID:		931008894				
Layer:		2				
Color:						
General Color:						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Mat1:		11			
Nost Commo	n Material:	GRAVEL			
<i>Mat2:</i> Other Materia	ale.				
Mat3:					
Other Materia					
Formation To		6			
Formation En	id Depth: id Depth UOM:	12 ft			
	u Deptil OOM.	it.			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
	(
Method Cons	truction ID: truction Code:	1			
Method Cons		Cable Tool			
Other Method	Construction:				
Pipe Informat	tion				
Pipe ID:		10578740			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930052999			
.ayer: Material:		1			
Open Hole or	Material	STEEL			
Depth From:	material.	OTELE			
Depth To:		22			
Casing Diam		4			
Casing Diam		inch			
Casing Depth		ft			
Construction	Record - Casing				
Casing ID:		930053000			
ayer:		2 4			
Material: Open Hole or	Matorial	4 OPEN HOLE			
Depth From:	material.	OFERTIOLE			
Depth To:		108			
Casing Diam		4			
Casing Diame Casing Depth	eter UOM: n UOM:	inch ft			
Results of We	ell Yield Testing				
Pump Test ID	-	991508135			
Pump Set At:		001000100			
Static Level:		13			
	fter Pumping:	17			
	ed Pump Depth:	4			
Pumping Rat Flowing Rate		4			
	ed Pump Rate:				
Recommende		ft			
Recommende Levels UOM:					
.evels UOM: Rate UOM:	After Test Code:	GPM 1			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:			CLEAR 1 0 30 N				
Water Details	5						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		1:	933462525 1 1 FRESH 50 ft				
<u>18</u>	1 of 1		E/168.8	80.9 / 1.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U. Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate: Clear/Cloudy	er Use: se: atus: rial: Method: liability: liability: lrock: Bedrock: Level:):	1508143 Domesti 0 Water S	ic		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:	8 9/7/1954 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple: Remarks: Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Con	: s: sc: ted: tccation S t Location N sion Comme	8/8/1953 Source: Method:	a Layer		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.944 18 440430.7 5024742 9 unknown UTM p9	
<u>Overburden a</u> <u>Materials Inte</u>		<u>k</u>					
Formation ID Layer:	:		931008913 3				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Cold	or:	GREY			
Mat1:					
Most Commo Mat2:	on Materiai:	BOULDERS 15			
Other Materia Mat3:	als:	LIMESTONE			
Other Materia	als:				
Formation To	op Depth:	12			
Formation E		110			
Formation E	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID):	931008912			
Layer:		2			
Color:					
General Colo Mat1:	or:	11			
Most Commo	n Mətorial:	11 GRAVEL			
Mat2:	Jii Walenai.	13			
Other Materia	als:	BOULDERS			
Mat3:					
Other Materia					
Formation To	op Depth:	5			
Formation E		12 ft			
Formation El	nd Depth UOM:	п			
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931008911			
Layer:		1			
Color:					
General Colo	or:	05			
Mat1: Most Commo	on Matorial:	05 CLAY			
Mat2:	Jii Walenai.	02			
Other Materia	als:	TOPSOIL			
Mat3:					
Other Materia					
Formation To		0			
Formation E		5 ft			
Formation El	nd Depth UOM:	π			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:				
	struction Code:	1			
Method Cons		Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10578748			
Casing No:		1			
Comment:					
Alt Name:					

Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water ID: Layer: Kind Code: Kind: Water Details	930053017 2 4		
Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water ID: Layer: Kater ID: Layer:	4		
Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water ID: Layer: Kind Code: Kind: Water Details			
Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Details Water ID: Layer:			
Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Details Water Details Water Details Water ID: Layer: Kind Code: Kind: Water Details	OPEN HOLE		
Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water ID: Layer: Kind Code: Kind: Water Details			
Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water ID: Layer: Kind Code: Kind: Water Details Water ID: Layer: Water Details	110		
Casing Depth UOM: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Detaills Water Found Depth: Water Found Depth: Water Code: Kind: Water Detaills Water Detaills Water TD: Layer: Kind Code: Kind: Water Detaills Water Detaills Water Detaills Water Detaills Water TD: Layer: Kind Code: Kind: Water Detaills Water Detaills Water Detaills Water Detaills Water Detaills Water Detaills	4		
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth From: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water ID: Layer: Water Details Water ID: Layer: Water Details	inch ft		
Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water Found Depth: Water Found Depth: Water Details Water Details	1		
Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water ID: Layer: Water Details Water ID: Layer:	930053016		
Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water Details	1		
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Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Water State After Test Code: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water Details	STEEL		
Casing Diameter: Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth Water ID: Layer: Water ID: Layer:	20		
Casing Diameter UOM: Casing Depth UOM: Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth Water Details Water ID: Layer: Water Details	20 4		
Casing Depth UOM: Results of Well Yield Testing Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Water State After Test Code: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water ID: Layer: Water Details Water ID: Layer:	inch		
Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water ID: Layer: Water Details Water ID: Layer:	ft		
Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Water State After Test Code: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water Details Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water Details Water Details Water ID: Layer: Water Details			
Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water ID: Layer:	991508143		
Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Duration HR: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water ID: Layer:			
Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water Details Water ID: Layer:	18		
Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water Details Water ID: Layer: Water Details Water ID: Layer:	20		
Flowing Rate: Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: Water Details Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water ID: Layer:			
Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water Details Water ID: Layer:	150		
Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water ID: Layer:			
Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water ID: Layer:	4		
Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water Details Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth: Water Details Water Details Water ID: Layer:	ft GPM		
Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer: Water ID: Layer:	GPM 1		
Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	CLEAR		
Pumping Duration HR: Pumping Duration MIN: Flowing: <u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	1		
Pumping Duration MIN: Flowing: <u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	0		
Flowing: <u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	30		
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	N		
Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:			
Kind Code: Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	933462536		
Kind: Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	2		
Water Found Depth: Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	1		
Water Found Depth UOM: <u>Water Details</u> Water ID: Layer:	FRESH		
Water ID: Layer:	95 ft		
Layer:			
Layer:	933462537		
	3		
Kind Code:	1		
Kind:	FRESH		
Water Found Depth:	109		
Water Found Depth UOM:	£4		
Water Details	ft		

Map Key	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Nater ID:			933462535				
.ayer:			1				
Kind Code:							
Kind: Notor Found	1 Donth		FRESH				
Water Found Water Found		м·	75 ft				
<u>19</u>	1 of 1		E/177.1	80.6 / 0.69	ON		ww
Vell ID:		1508152			Data Entry Status:		
Constructior					Data Src:	1	
Primary Wat		Domestic			Date Received:	12/10/1954	
Sec. Water U		0			Selected Flag:	Yes	
Final Well St	atus:	Water Su	oply		Abandonment Rec:	1005	
Nater Type:					Contractor:	4825	
Casing Mate	riai:				Form Version:	1	
Audit No:					Owner: Street Name:		
Tag: Constructior	Mathadi				Street Name: County:	OTTAWA-CARLETON	
Elevation (m					Municipality:	OTTAWA-CARLETON OTTAWA CITY	
Elevation Re					Site Info:	OTTAWA OTT	
Depth to Bec					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	/:				-		
Bore Hole In	formation						
Bore Hole ID):	10030187	,		Elevation:	81.657981	
DP2BR:		140			Elevrc:		
Spatial Statu	IS:				Zone:	18	
Code OB:		r			East83:	440440.7	
Code OB De	sc:	Bedrock			North83:	5024782	
Open Hole:					Org CS:	0	
Cluster Kind		40/47/405	. 4		UTMRC:	9	
Date Comple	eted:	10/17/195	94		UTMRC Desc:	unknown UTM	
Remarks:					Location Method:	p9	
Elevrc Desc: Location Sol							
Improvemen		Source:					
Improvemen							
Source Revi							
Supplier Cor							
<u>Overburden</u> Materials Inte		: <u>k</u>					
			021009024				
Formation ID			931008931 1				
Layer: Color:			I				
General Colo	ar.						
seneral Colo Mat1:	л.		24				
Nost Commo	on Material:		PREV. DRILLED				
Mat2: Other Materi	als						
Mat3:	u13.						
Other Materi	als:						
Formation To			0				

• •	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End D Formation End D	Depth: Depth UOM:	140 ft			
<u>Overburden and</u> <u>Materials Interva</u>					
Formation ID: Layer: Color:		931008932 2			
General Color: Mat1:		15			
Most Common M Mat2: Other Materials: Mat3:	laterial:	LIMESTONE			
Other Materials: Formation Top D Formation End D Formation End D	Depth:	140 175 ft			
<u>Method of Const</u> <u>Use</u>	ruction & Well				
Method Construc Method Construc Method Construc Other Method Co	ction Code: ction:	1 Cable Tool			
Pipe Information	!				
Pipe ID: Casing No: Comment: Alt Name:		10578757 1			
Construction Re	cord - Casing				
Casing ID: Layer: Material: Open Hole or Ma	terial:	930053034 1			
Depth From: Depth To: Casing Diameter	-	140			
Casing Diameter Casing Depth UC	· UOM:	inch ft			
Construction Re	cord - Casing				
Casing ID:		930053035			
Layer: Material:		2 4			
Open Hole or Ma Depth From:	terial:	OPEN HOLE			
Depth To: Casing Diameter		175 5			
Casing Diameter Casing Diameter Casing Depth UC	· UOM:	inch ft			

Results of Well Yield Testing

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test II	D:	991508152			
Pump Set At	-				
Static Level:		8			
	After Pumping: led Pump Depth:	55			
Pumping Ra Flowing Rate		5			
Recommend	led Pump Rate:				
Levels UOM		ft			
Rate UOM:		GPM			
Water State	After Test Code:	1			
Water State	After Test:	CLEAR			
Pumping Tes	st Method:	1			
Pumping Du		0			
Pumping Du		30			
Flowing:		Ν			
Water Detail	<u>S</u>				
Water ID:		933462547			
Layer:		1			
Kind Coder		4			

Layer:	1	
Kind Code:	1	
Kind:	FRESH	
Water Found Depth:	160	
Water Found Depth UOM:	ft	

<u>20</u>	1 of 1	SW/177.2	80.9 / 1.00	ON		WWIS
Well ID: Construction Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Construction Elevation (Elevation F Depth to Be Well Depth Overburdee Pump Rate Static Wate Flow Rate: Clear/Cloud	ater Use: Use: Status: e: terial: m): Reliability: edrock: : n/Bedrock: : r Level: /N):	1507991 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: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/21/1952 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole	Information					
Bore Hole I DP2BR: Spatial Sta Code OB D Open Hole: Cluster Kin Date Comp Remarks:	tus: Desc: : nd:	10030026 20 r Bedrock 10/13/1952		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.464462 18 440165.7 5024622 9 unknown UTM p9	
Remarks:	_			Location Method:	ha	

Elevrc Desc: Location Source Date:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement L Improvement L Source Revisio Supplier Comm					
<u>Overburden an</u> Materials Inter					
Formation ID: Layer: Color:		931008547 1			
General Color: Mat1: Most Common Mat2:		09 MEDIUM SAND			
Other Materials Mat3: Other Materials	s:	_			
Formation Top Formation End Formation End	I Depth:	0 20 ft			
<u>Overburden an</u> <u>Materials Inter</u>					
Formation ID: Layer: Color:		931008548 2			
General Color: Mat1: Most Common Mat2:		15 LIMESTONE			
Other Materials Mat3: Other Materials	s:				
Formation Top Formation End Formation End	I Depth:	20 52 ft			
<u>Method of Con</u> <u>Use</u>	struction & Well				
Method Constr Method Constr Method Constr Other Method	ruction Code: ruction:	1 Cable Tool			
Pipe Informatio	<u>on</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578596 1			
Construction F	Record - Casing				
Casing ID: Layer: Material:		930052709 2 4			
Open Hole or I Depth From: Depth To:	viaterial:	OPEN HOLE 52			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Diam Casing Dept	neter UOM:		4 inch ft				
<u>Construction</u>	n Record - (Casing					
Casing ID:			930052708				
Layer:			1				
Material:			1				
Open Hole o Depth From:			STEEL				
Depth To:			22				
Casing Diam	neter:		4				
Casing Diam Casing Dept			inch ft				
<u>Results of W</u>	/ell Yield Te	esting					
Pump Test II	D:		991507991				
Pump Set At	t:						
Static Level:			25				
Final Level A Recommend			30				
Pumping Ra		epui.	2				
Flowing Rate	e:						
Recommend	•	late:	4				
Levels UOM: Rate UOM:			ft GPM				
Water State	After Test (Code:	1				
Water State			CLEAR				
Pumping Tes			1 0				
Pumping Du Pumping Du			0 45				
Flowing:			N				
Water Detail	<u>s</u>						
Water ID:			933462309				
Layer:			1				
Kind Code:			1				
Kind: Water Found	1 Denth		FRESH 51				
Water Found		М:	ft				
<u>21</u>	1 of 1		E/179.6	79.9 / 0.00			WWIS
					ON		
Well ID:	_	150839	00		Data Entry Status:		
Construction		Domes	tio		Data Src: Date Received:	1 9/1/1954	
Primary Wat Sec. Water L		0	lic		Selected Flag:	9/1/1954 Yes	
Final Well St		Water S	Supply		Abandonment Rec:		
Water Type:					Contractor:	3701	
Casing Mate Audit No:	rial:				Form Version: Owner:	1	
Tag:					Street Name:		
Construction					County:	OTTAWA-CARLETON	
Elevation (m					Municipality:	OTTAWA CITY	
Elevation Re Depth to Bed					Site Info: Lot:		
					Concession:		
Overburden/	/Bedrock:				Concession Name:		
Well Depth: Overburden/	/Bedrock:						

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Rate: Static Water Leve Flowing (Y/N): Flow Rate: Clear/Cloudy:	əl:			Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Inform	ation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source a Improvement Loco Source Revision Supplier Commen	Date: cation Source: cation Method: Comment:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.266136 18 440440.7 5024802 5 margin of error : 100 m - 300 m p5	
Overburden and I Materials Interval						
Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Other Materials: Mat3: Other Materials: Formation Top Do Formation End Do Formation End Do	2 aterial: L epth: 6 epth: 1	5 IMESTONE 6 40				
<u>Overburden and I</u> <u>Materials Interval</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Other Materials: Mat3: Other Materials: Formation Top Do Formation End Do Formation End Do	1 aterial: C epth: 0 epth: 6 epth UOM: ft	95 DLAY 9				
<u>Method of Constr</u> <u>Use</u>	ruction & Well					

Method Construction ID:

60

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons	struction Code: struction: d Construction:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578994 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053496 1 STEEL 18 5 inch ft			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930053497 2 4 OPEN HOLE 140 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rat Flowing Rate Recommend Levels UOM: Rate UOM:	: ed Pump Depth: e: e: ed Pump Rate: After Test Code: After Test: St Method: ration HR:	991508390 10 22 6 ft GPM 1 CLEAR 1 1 0 N			
Water Details	<u>5</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOM:	933462874 1 FRESH 90 ft			
61	erisinfo.com En	vironmental Risk Info	rmation Service	2S	Order No: 20191210007

water ID:	9334628
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125
Water Found Depth UOM:	ft
•	

Water Details

Water ID:	933462876
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140
Water Found Depth UOM:	ft

		ON		WWIS
1510599 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 1/5/1950 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY (NEPEAN) 028 02 OF	
10032625 5 r Bedrock 12/27/1949		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.92707 18 440275.7 5024567 9 unknown UTM p9	
	Domestic 0 Water Supply 10032625 5 r Bedrock	Domestic 0 Water Supply 10032625 5 r Bedrock	Domestic Data Src: 0 Selected Flag: Water Supply Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Cone: Easting: VTM Reliability: Zone: r East83: Bedrock North83: Org CS: UTMRC:	Data Src:1DomesticData Src:10Selected Flag:YesWater SupplyAbandonment Rec:Contractor:3725Form Version:1Owner:Street Name:County:OTTAWA-CARLETONMunicipality:OTTAWA-CARLETONMunicipality:OTTAWA CITY (NEPEAN)Site Info:Lot:028Concession:02Concession:02Concession Name:OFLot:028Concession Name:OFEasting NAD83:Zone:UTM Reliability:10032625Elevation:18rEast33:440275.7BedrockNorth83:50245670rg CS:UTMRC:912/27/1949UTMRC Desc:unknown UTM

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

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	<u>erval</u>				
Formation ID Layer: Color:		931015331 1			
General Colo Mat1: Most Commo Mat2:		05 CLAY 09			
Other Materia Mat3: Other Materia		MEDIUM SAND 12 STONES			
Formation To Formation El	op Depth:	0 5 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color:):	931015333 3 6			
General Colo Mat1: Most Commo Mat2:	on Material:	BROWN 17 SHALE			
Other Materia Mat3: Other Materia Formation To	als: op Depth:	65 115			
Formation El Formation El	nd Depth: nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Mat1: Most Commo	or:	931015332 2 GREY 15 LIMESTONE			
Mat2: Other Materia Mat3: Other Materia	als:	_			
Formation To Formation El Formation El		5 65 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	tion				
Pipe ID: Casing No:		10581195 1			

Comment: Alt Name:

Construction Record - Casing

Casing ID:	930057827
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	115
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material:	930057826 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	5
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510599
Pump Set At:	
Static Level:	0
Final Level After Pumping:	0
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:	0
Pumping Duration MIN:	30
Flowing:	Ν

Water Details

Water ID:	933465625
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

23 1 of 1	S/208.0	81.9 / 2.00 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use:	1508481 Domestic 0	Data Entry Status: Data Src: Date Received: Selected Flag:	1 2/21/1951 Yes

64

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	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Final Well Sta	atus:	Water Sup	ply		Abandonment Rec:		
Water Type:					Contractor:	3725	
Casing Mater	ial:				Form Version:	1	
Audit No: Tag:					Owner: Street Name:		
Construction	Method:				County:	OTTAWA-CARLETON	
Elevation (m)					Municipality:	OTTAWA CITY	
Elevation Rel					Site Info:		
Depth to Bed					Lot:		
Well Depth:					Concession:		
Overburden/E	Bedrock:				Concession Name:		
Pump Rate: Static Water I					Easting NAD83:		
Flowing (Y/N)					Northing NAD83: Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy.	:				, , .		
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR:		10030515 8			Elevation: Elevrc:	81.862655	
Spatial Status	s:	0			Zone:	18	
Code OB:		r			East83:	440280.7	
Code OB Des	C:	Bedrock			North83:	5024562	
Open Hole:					Org CS:		
Cluster Kind:					UTMRC:	9	
Date Complet	ted:	1/12/1951			UTMRC Desc:	unknown UTM	
Remarks:					Location Method:	p9	
Elevrc Desc: Location Sou		Source:					
Elevrc Desc:	Location S Location I ion Comm	Method:					
Elevrc Desc: Location Sou Improvement Improvement Source Revis	Location S Location I ion Commonment: and Bedroc	Method: ent:					
Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u>	Location S Location I Location I Lion Commo nment: <u>and Bedroc</u> <u>erval</u>	Nethod: ent: : <u>k</u>	931009781				
Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com Overburden a	Location S Location I Location I Lion Commo nment: <u>and Bedroc</u> <u>erval</u>	Nethod: ent: : <u>k</u>	931009781				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color:	Location S Location I ion Comm nment: and Bedroc erval :	Nethod: ent: <u>k</u>					
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo	Location S Location I ion Comm nment: and Bedroc erval :	Nethod: ent: : <u>k</u> 1					
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Color Mat1:	Location S Location I ion Comm nment: and Bedroc erval : r:	Method: ent: : <u>k</u> 1 1	02				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colo Mat1: Most Commo	Location S Location I ion Comm nment: and Bedroc erval : r:	Vethod: ent: <u>k</u> 1 1 7 7)2 TOPSOIL				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2:	Location S Location I ion Common nment: and Bedroc erval : r: r: n Material:	Method: ent: : <u>k</u> 1 1 0 7 0 7	02				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colo Mat1: Most Commo	Location S Location I ion Common nment: and Bedroc erval : r: r: n Material:	Method: ent: : <u>k</u> 1 1 0 7 0 7)2 FOPSOIL)9				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia	Location S Location I ion Common nment: and Bedroc erval : r: r: n Material: als:	Method: ent: : <u>k</u> 1 1 0 7 0 7)2 FOPSOIL)9				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To	Location S Location I lion Common ment: and Bedroc rrval : r: n Material: als: als: p Depth:	Method: ent: : <u>k</u> 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0)2 FOPSOIL)9 MEDIUM SAND)				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	Location S Location I lion Common ment: and Bedroc rrval : r: n Material: als: als: p Depth: nd Depth:	Method: ent: : <u>k</u> 1 1 0 1 0 1 0 0 8)2 FOPSOIL)9 MEDIUM SAND) 3				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To	Location S Location I lion Common ment: and Bedroc rrval : r: n Material: als: als: p Depth: nd Depth:	Method: ent: : <u>k</u> 1 1 0 1 0 1 0 0 8)2 FOPSOIL)9 MEDIUM SAND) 3				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Formation To Formation En	Location S Location I lion Common ment: and Bedroc erval : r: n Material: als: als: als: als: ad Depth: ad Depth: ad Depth U and Bedroc	Method: ent: <u>k</u> 1 2 3 1 1 1 1 0 1 0 1 0 0 1 0 1 0 0 1 0 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 1 0 1 1 0 1 1 1 0 1 1 0 1)2 FOPSOIL)9 MEDIUM SAND) 3				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Formation To Formation En Formation En	Location S Location I lion Common nment: and Bedroc erval : r: n Material: als: als: als: als: als: als: als: a	Иеthod: ent: : <u>к</u> 1 С 1 С 1 С 0 М С 0 М: fi)2 FOPSOIL)9 MEDIUM SAND) 3				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En Formation En Formation En	Location S Location I lion Common nment: and Bedroc erval : r: n Material: als: als: als: als: als: als: als: a	Иеthod: ent: : <u>к</u> 1 С 1 С 1 С 0 М С 0 М: fi	02 TOPSOIL 09 MEDIUM SAND 0 3 t				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation En Formation En Formation En Formation ID. Layer: Color:	Location S Location I ion Common ment: and Bedroc erval : r: n Material: als: p Depth: ad Depth: ad Depth: ad Depth Ut and Bedroc erval :	Method: ent: : <u>k</u> 1 2 3 0 4 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	02 TOPSOIL 09 MEDIUM SAND 0 3 t				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Formation To Formation En Formation En Formation En Formation ID. Layer: Color: General Colo.	Location S Location I ion Common ment: and Bedroc erval : r: n Material: als: p Depth: ad Depth: ad Depth: ad Depth Ut and Bedroc erval :	Method: ent: <u>k</u> 1 2 0 0 0 0 0 0 1 1 0 1 0 1 0 1 0 1 0 1	02 TOPSOIL 09 MEDIUM SAND 0 3 t 0 31009782 2 3 GREY				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Formation En Formation En Formation En Formation En Formation ID. Layer: Color: General Colo. Materials Inte Formation ID. Layer: Color: General Colo. Mat1:	Location S Location I ion Common ment: and Bedroc erval : r: n Material: als: p Depth: ad Depth: ad Depth U and Bedroc erval : r:	Method: ent: ≤k 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0)2 FOPSOIL)9 MEDIUM SAND) 3 t) 3 t) 3 1009782 2 SREY 5				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Material Sormation To Formation En Formation En Formation En Formation En Formation ID. Layer: Color: General Colo. Mat1: Most Commo	Location S Location I ion Common ment: and Bedroc erval : r: n Material: als: p Depth: ad Depth: ad Depth U and Bedroc erval : r:	Method: ent: ≤k 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	02 TOPSOIL 09 MEDIUM SAND 0 3 t 0 31009782 2 3 GREY				
Elevrc Desc: Location Sou Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Other Materia Formation En Formation En Formation En Formation En Formation ID. Layer: Color: General Colo. Materials Inte Formation ID. Layer: Color: General Colo. Mat1:	Location S Location I Location I Lion Commo ment: and Bedroc erval : and Bedroc and Depth: and Depth: and Depth U and Bedroc erval : r: n Material:	Method: ent: ≤k 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0)2 FOPSOIL)9 MEDIUM SAND) 3 t) 3 t) 3 1009782 2 SREY 5				

	umber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat3:					
Other Materials:					
Formation Top De		8			
Formation End De		74 #			
Formation End De	epth UOW:	ft			
<u>Method of Constru Use</u>	uction & Well				
<u></u>					
Method Construct					
Method Construct		1			
Method Construct		Cable Tool			
Other Method Cor	istruction:				
Pipe Information					
Pipe ID:		10579085			
Casing No:		1			
<i>Comment: Alt Name:</i>					
Construction Rec	ord - Casing				
Casing ID:	-	930053673			
Layer:		1			
Material:		1			
Open Hole or Mate	erial:	STEEL			
Depth From:					
Depth To:		14			
Casing Diameter:		4			
Casing Diameter l		inch			
Casing Depth UO	M:	ft			
Construction Rec	ord - Casing				
Casing ID:		930053674			
Layer:		2			
Material:		4			
Open Hole or Mate	erial:	OPEN HOLE			
Depth From:		74			
Depth To: Casing Diameter:		74 4			
Casing Diameter l		inch			
Casing Depth UO		ft			
Results of Well Yi	eld Testing				
Pump Test ID:		991508481			
Pump Set At:					
Static Level:		14			
Final Level After F		16			
Recommended Pu	ump Depth:	_			
Pumping Rate:		7			
Flowing Rate:	- ·				
Recommended Pu	ump Rate:	4			
Levels UOM: Rate UOM:		ft GPM			
Rate UOM: Water State After	Tast Codor	GPM 1			
Water State After		CLEAR			
Pumping Test Met		1			
Pumping Duration	1 HR:	0			
Pumping Duration Pumping Duration		0 30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		Ν			
Water Details	5				
Water ID:		933463000			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	Depth:	18			
Water Found	Depth UOM:	ft			
<u>24</u>	1 of 1	E/216.8	80.9 / 1.00	ON	WWIS

		ON	
Well ID:	1508132	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	4/3/1952
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	5448
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	OTTAWA CITY
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:			
•			

Bore Hole Information

Bore Hole ID:	10030167	Elevation:	80.994438
DP2BR:	5	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	440475.7
Code OB Desc:	Bedrock	North83:	5024722
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	1/11/1952	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			

Overburden and Bedrock Materials Interval

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

Formation ID: Layer:	931008886 2
Color: General Color:	
Mat1:	15
Most Common Material:	LIMESTONE

Mol2: Mol3: Other Materials: Formation Top Daph: Formation Eva Depth: 5 Formation Eva Depth: 0 Formation Eva Depth: 0 Formation ID: 31008885 Formation ID: 311008885 Formation ID: 311008885 Formation ID: 311008885 Color: 1 Color: 2 Matri: 25 Most Common Material: 0 Most Common Material: 0 Most Common Material: 0 Formation Eva Depth: 0 Formation Eva Depth: 0 Formation Eva Depth: 0 Formation Eva Depth: 5 Formation Eva Depth: 0 Formation Eva Depth: 0 Eva Depth Formation Eva Depth Formation Eva Depth Formation Depth Formation Eva Depth Formation Eva Depth Formation Cassing Demeter: 5 Cassing Demeter: 5 Cassing Demeter: 2 Material: 4 Construction Record - Cassing Cassing Demeter: 5 Cassing Demeter: 5	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Math. Securitation Top Depth: S Formation Top Depth: S Formation End Depth: SO Matcials. SO Formation End Depth: SO Formation End Depth: SO Formation End Depth: SO Construction Material: OVERBURDEN Matz: OVERBURDEN Matz: OVERBURDEN Matz: OVERBURDEN Matz: OVERBURDEN Matz: OVERBURDEN Matz: SO Formation Top Depth: S Formation End Depth: UOM: 1 Math. S Formation End Depth: UOM: 1 Math. S Formation Top Depth: S Formation Top Depth: S Formation Top Depth: S Mathol Construction & Well S Second Construction Cod						
Other Materials: 5 Formation End Depth: 90 Formation End Depth: 90 Formation End Depth: 90 Cuerburden and Bedrack 90 Materials: Interval 9109885 Layer: 1 Color: 9 General Color: 9 Mattri 25 Mattri 0VerBURDEN Mattri 0VerBURDEN Mattri 0VerBURDEN Mattri 1 Gonoral Color: 9 Mattri 25 Mattri 0 Somonation End Depth: 5 Formation End Depth: 5 Mathrid Construction Attri 5 Method Construction Code: 1 Mathrid Construction Code: 1 Method Construction Code: 1 Enstruction Record - Casing 1 Casing No: 1 Casing No: 1 Casing Diameter: 20 Casing Diame		ais:				
Formation Top Depth: S Formation End Depth: 90 Formation End Depth: 90 Statistical Interval 91008885 Layer: 1 Color: 31008885 Layer: 1 General Color: 31008885 Matri: OVERBURDEN Matri: Construction TD: Matri: Construction D: Matri: Construction Construction: Construction Record - Casing Construction Record - Casing		als:				
Formation End Depdit: 90 Formation End Depdit: 91 Construction ID: 931000885 Layer: 1 Color:			5			
Formation End Depth UOM: t Overburden and Bedrock. 310098085 Layer: 1 Formation ID: 310098085 Layer: 25 Goneral Color:						
Materials Interval 931008885 Layer: 1 Color: 5 General Color: 5 Matt: OVERBURDEN Matz: 0 Matz: 0 Other Materials: 0 Other Materials: 0 Formation End Depth: 0 Formation End Depth: 0 Method Construction & Well 1 Wethod Construction End Depth: 0 Semantion End Depth: 0 Vermation End Depth: 0 Semantion End Depth: 0 Vermation End Depth: 0 Vermation End Depth: 0 Vermation End Depth: 0 Semantion End Depth: 0 Vermation End Depth: 0 Semantion End Depth: 0 Vermation End Depth: 0 Semantion End Depth: Cable Tool Other Method Construction: Cable Tool Other Method End Semature 0 Consente			ft			
Layer:1General Color:						
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General Color: 25 Matt: 20 Most Common Material: OVERBURDEN Matz: 0 Other Materials: 0 Mats: 0 Formation Top Depth: 0 Formation End Depth: 0 Formation End Depth: 0 Method of Construction & Well I Wethod Construction DD: 1 Method Construction DD: 1 Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Cable Tool Open Hole or Material: 1 Sommatin: 1 At Name: Sommatin: Depth Tor: 20 Casing Diameter: 5 Scasing Diameter: 5 Scasing Diameter: 5 Casing Diameter:			1			
Matri: 25 Mosi Common Material: VERBURDEN Matz: Other Materials: Matz: 5 Formation Top Depth: 0 Formation Top Depth: 0 Formation End Depth: 0 Formation End Depth: 0 Method Construction & Well Vendo Construction Di: Method Construction Construction ID: Vendo Construction Construction Construction: Cable Tool Cable Tool Other Method Construction: Cable Tool Pipe ID: 10578737 Casing No: 1 Att Name: Soution Picture Construction Record - Casing Vendo Construction: Soution Picture Soution Picture Dopen Hole or Material: 1 Open Hole or Material: 1 Open Hole or Material: 5 Casing Diameter: 930052994 Layer: 2						
Most Common Material: OVERBURDEN Materials: Second Depth: 0 Formation Depth: 0 Formation End Depth: 0 Formation End Depth: 0 Formation End Depth: 0 Method Construction & Well Use Method Construction & Cable Method Construction: Cable Tool Other Method Construction: Cable Tool Construction Record - Casing Depth To: 0 Casing Diameter: 5 Casing Diameter: 5 Construction Record - Casing Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 7 Casing Diameter: 7 C		or:	25			
Matz: Sample		on Matorial:				
Other Materials: Formation Top Depth: Formation End Depth: S0Formation End Depth: S5Formation End Depth UOM:1Method of Construction & Well Use1Method Construction & Well Use1Method Construction Code: Construction::1Method Construction Code: Construction::1Method Construction:: Construction::1Method Construction:: Construction::1Pipe Information1Pipe Information1Construction Record - Casing Layer:1Casing ID: Depth Form: Depth To::930052993 Layer: SCasing Diameter: Casing Diameter:5Construction Record - Casing1Construction: Depth Form: Construction:1Construction Record - Casing Depth Form: Construction:1Construction Record - Casing Depth Form: Construction:930052993 Layer: SConstruction Record - Casing Depth Form: Construction Record - Casing1Construction Record - Casing Depth Form: Construction Record - Casing1Construction Record - Casing Depth Form: Construction Record - Casing1Construction Record - Casing1Cons		Jii Malenai.	OVERBORDEN			
Mats. Formation Top Depth: 0 Formation End Depth: 0 Formation End Depth: 0 Method Construction 8 Well Item Statement Use Item Statement Method Construction 1D: 		als:				
Formation Top Depth: 0 Formation End Depth: 5 Formation End Depth: 5 Method Construction & Well I Method Construction ID: Method Construction Code: Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe Information Cable Tool Pipe ID: 10578737 Casing No: 1 Comment: Alt Name: Construction Record - Casing Image: Construction Record - Casing Casing ID: 930052993 Layer: 1 Open Hole or Material: STEEL Depth For: 20 Casing Diameter UOM: inch Casing Diameter: 2 Casing Diameter: 2 <						
Formation End Depth 5 Formation End Depth UOM: it Method of Construction & Well J Use J Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: 10578737 Cassing No: 1 Comment: At Name: Construction Record - Casing J Casing No: 1 At Name: J Casing No: 1 Layer: 1 Method: STEEL Depth For: 2 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 2 Casing Diameter: 2	Other Materi	als:				
Formation End Depth UOM: t Method of Construction & Well J Use J Method Construction Code: 1 Method Construction Code: 1 Cable Tool Cable Tool Other Method Construction: Cable Tool Pipe Information Cable Tool Pipe ID: 10578737 Casing No: 1 Comment:	Formation To	op Depth:				
Method of Construction & Well Value Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: 10578737 Casing No: 1 Comment: 1 Att Name: Construction Record - Casing Construction Record - Casing Image: Casing No: Casing No: 1 Att Name: STEEL Depth Form: 2 Casing Diameter: 5 Casing Diameter: 2 Material: 4 Casing Diameter: 2 Material: 4 Open Hollo: OPEN HOLE Depth Form: 2 Casing Diameter: 90 Casing Diameter:						
Use Method Construction Code: 1 Method Construction Code: 1 Cable Tool Cable Tool Other Method Construction: Cable Tool Pipe ID: 10578737 Casing No: 1 Comment: A Att Name: Comment: Construction Record - Casing State St	Formation E	nd Depth UOM:	ft			
Method Construction Code: 1 Method Construction: Cable Tool Other Method Construction: Elpe Information Pipe ID: 10578737 Casing No: 1 Comment: Alt Name: Comment: Alt Name: Construction Record - Casing Construction Record - Casing Casing DD: 930052993 Layer: 1 Method Construction STEL Depth Form: 5 Costruction Record - Casing Casing Diameter UOM: inch Casing Diameter: 5 S		onstruction & Well				
Method Construction: Cable Tool Other Method Construction: Cable Tool Pipe ID: 10578737 Casing No: 1 Comment: All Alt Name: Construction Record - Casing Construction Record - Casing S00052993 Layer: 1 Open Hole or Material: STEEL Depth From: 20 Casing Dimeter: 5 Casing Dimeter: 5 Construction Record - Casing Casing Dimeter: 6 Casing Dimeter: 1 Open Hole or Material: 1 Casing Dimeter: 5 Casing Dimeter: 6 Casing Dimeter: 1 Casing Dimeter: 1 Open Hole or Material: 1 Casing Dimeter: 5 Casing Dimeter: 2 Material: 4 Open Hole or Material: 9 Suppeti From: 2 Material: 4 Open Hole or Material: 9 Peth From: 2 Material: 4 Open Hole or Material: 9 Open Hole or Material: 9 Casing Dimeter: 5	Method Con	struction ID:				
Other Method Construction: Pipe Information Pipe ID: 10578737 Casing No: 1 Comment: 3 Att Name: 3 Construction Record - Casing 30052993 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 2 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 6 Casing Diameter: 5 Casing Diameter: 5						
Pipe Information Pipe ID: 10578737 Casing No: 1 Comment: Alt Name: Construction Record - Casing Casing ID: 930052993 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 20 Casing Diameter: 5 Casing Diameter UOM: inch Casing Diameter UOM: it Vonstruction Record - Casing Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 1 VOM: it UDM: it UDM: it Casing Diameter: 5 Casing Diameter: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth To: 2 Material: 4 Open Hole or Material: 90 Casing Diameter: 5			Cable Tool			
Pipe ID:10578737Casing No:1Comment:1Alt Name:1Construction Record - CasingCasing ID:930052993Layer:1Material:111Open Hole or Material:STEELDepth From:20Casing Diameter:5Casing Diameter:5Casing Diameter:5Casing Diameter:5Casing Diameter:4Open Hole or Material:930052994Layer:2Material:4Open Hole or Material:0PEN HOLEDepth From:90Casing Diameter:5Casing Diameter:5Casing Diameter:5Casing Diameter:90Casing Diameter:90	Other Metho	d Construction:				
Casing No:1Construction Record - CasingCasing ID:930052993Layer:1Material:1Open Hole or Material:1Open Hole or Material:20Casing Diameter:5Casing Diameter:5Casing Depth HOM:ttConstruction Record - CasingDepth To:20Casing Diameter:5Casing Diameter:5Casing Depth UOM:ttConstruction Record - CasingV930052994Layer:2Material:4Open Hole or Material:4Open Hole or Material:90Casing Diameter:5Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:5	<u>Pipe Informa</u>	<u>tion</u>				
Casing No:1Construction Record - CasingCasing ID:930052993Layer:1Material:1Open Hole or Material:1Open Hole or Material:20Casing Diameter:5Casing Diameter:5Casing Depth HOM:ttConstruction Record - CasingDepth To:20Casing Diameter:5Casing Diameter:5Casing Depth UOM:ttConstruction Record - CasingV930052994Layer:2Material:4Open Hole or Material:4Open Hole or Material:90Casing Diameter:5Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:90Casing Diameter:5	Pipe ID:		10578737			
Alt Name: Construction Record - Casing Casing ID: 930052993 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 20 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Construction Record - Casing I V V Construction Record - Casing V Casing ID: 930052994 Layer: 2 Material: 4 Open Hole or Material: 4 Open Hole or Material: 4 Open Hole or Material: 90 Casing Diameter: 5			1			
Construction Record - Casing Casing ID: 930052993 Layer: 1 Material: 1 Open Hole or Material: STEEL Depth From: 20 Casing Diameter: 5 Casing Diameter UOM: inch Casing Depth UOM: t Vertication Record - Casing 330052994 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From: 2 Casing ID: 930052994 Layer: 2 Material: 4 Open Hole or Material: 90 Casing Diameter: 5						
Casing ID:930052993Layer:1Material:1Open Hole or Material:STEELDepth From:2Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:tKSTEELConstruction Record - CasingVarierial:930052994Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:2Casing Diameterial:5Casing Diameterial:930052994Casing Diameterial:5Casing Diameterial:6Copen Hole or Material:90Casing Diameterial:90Casing Diameteria:5	Alt Name:					
Layer:1Material:1Open Hole or Material:STEELDepth From:-Depth To:20Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:tK-Construction Record - Casing930052994Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:-Depth From:-Depth From:-Depth From:-Depth From:-Depth From:-Depth From:-Depth From:-S-S-Casing Diameter:5	<u>Construction</u>	n Record - Casing				
Material:1Open Hole or Material:STEELDepth From:20Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:tKKConstruction Record - Casing930052994Layer:2Material:4Open Hole or Material:0PEN HOLEDepth From:90Casing Diameter:5						
Open Hole or Material:STEELDepth From:20Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:tConstruction Record - CasingCasing ID:930052994Layer:2Material:4Open Hole or Material:0PEN HOLEDepth From:90Casing Diameter:5						
Depth From:20Depth To:20Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingVConstruction Record - CasingVConstruction Record - CasingVVOpen HolesVOpen Hole or Material:AOpen Hole or Material:OPEN HOLEDepth To:Open Hole or Material:OCasing Diameter:S						
Depth To:20Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingConstruction Record - CasingCasing ID:930052994Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:90Casing Diameter:5			STEEL			
Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:ftConstruction Record - CasingConstruction Record - CasingCasing ID:930052994Layer:2Material:4Open Hole or Material:0PEN HOLEDepth From:90Casing Diameter:5			20			
Casing Diameter UOM:inch ftCasing Depth UOM:ftConstruction Record - CasingConstruction Record - CasingCasing ID:930052994Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:90Casing Diameter:5		eter:				
Casing Depth UOM: ft Construction Record - Casing Construction Record - Casing Casing ID: 930052994 Layer: 2 Material: 4 Open Hole or Material: 0PEN HOLE Depth From: 90 Casing Diameter: 5						
Casing ID:930052994Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:90Casing Diameter:5	Casing Dept	h UOM:	ft			
Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From: 90 Casing Diameter: 5	<u>Construction</u>	n Record - Casing				
Material: 4 Open Hole or Material: OPEN HOLE Depth From: 90 Casing Diameter: 5						
Open Hole or Material: OPEN HOLE Depth From: 90 Casing Diameter: 5						
Depth From: Depth To: 90 Casing Diameter: 5		u Matau'-1				
Depth To: 90 Casing Diameter: 5			OPEN HOLE			
Casing Diameter: 5	Depth From:		90			
		eter:				
	Casing Diam	eter UOM:	inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Dept	h UOM:	ft				
<u>Results of W</u>	ell Yield Testing					
Pump Test IL Pump Set At		991508132				
Static Level:	•	8				
	fter Pumping:	20				
	ed Pump Depth:	5				
Flowing Rate						
	ed Pump Rate:					
Levels UOM:		ft				
Rate UOM:	After Test Cade	GPM				
Water State /	After Test Code:	1 CLEAR				
Pumping Tes		1				
Pumping Du		0				
Pumping Du		30				
Flowing:		Ν				
Water Details	5					
Water ID:		933462522				
Layer:		1				
Kind Code:		1 FRESH				
Kind: Water Found	I Denth:	90				
	Depth UOM:	ft				
<u>25</u>	1 of 1	SW/217.1	80.9 / 1.00	ON		wwis
Well ID:	1508	231		Data Entry Status:		
Construction	n Date:			Data Src:	1	
Primary Wate		estic		Date Received:	10/25/1950	
Sec. Water U				Selected Flag:	Yes	
Final Well St	atus: Wate	r Supply		Abandonment Rec:	0705	
Water Type:	vial			Contractor:	3725 1	
Casing Mater Audit No:	nai:			Form Version: Owner:	Ι	
Tag:				Street Name:		
Construction	Method:			County:	OTTAWA-CARLETON	
Elevation (m):			Municipality:	OTTAWA CITY	
Elevation Re				Site Info:		
Depth to Bed	lrock:			Lot:		
Well Depth:	- <i>.</i> .			Concession:		
Overburden/	Bedrock:			Concession Name:		
Pump Rate: Static Water	Loval:			Easting NAD83: Northing NAD83:		
Flowing (Y/N				Zone:		
Flow Rate:	/-			UTM Reliability:		
Clear/Cloudy	:			-		
Bore Hole In	formation					
Bore Hole ID	: 1003	0266		Elevation:	82.012008	
DP2BR:	13			Elevrc:		
Spatial Statu				Zone:	18	
Code OB:	r Rođre	ook		East83:	440125.7	
Code OB Des	sc: Bedro	UUK		North83:	5024602	
Open Hole:				Org CS:		

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	e Date: ocation Source: ocation Method: on Comment:	50		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
<u>Overburden an</u> <u>Materials Interv</u>						
Formation ID: Layer: Color: General Color:		931009124 1				
Mat1: Most Common Mat2: Other Materials		02 TOPSOIL				
Mat3: Other Materials Formation Top Formation End Formation End	Depth: Depth:	0 10 ft				
<u>Overburden an</u> <u>Materials Interv</u>						
Formation ID: Layer: Color: General Color:		931009125 2				
Mat1: Most Common Mat2: Other Materials Mat3:		11 GRAVEL				
Other Materials Formation Top Formation End Formation End	Depth: Depth:	10 13 ft				
<u>Overburden an</u> Materials Interv						
Formation ID: Layer: Color:		931009126 3				
General Color: Mat1: Most Common Mat2: Other Materials		15 LIMESTONE				
Mat3: Other Materials Formation Top Formation End Formation End	: Depth: Depth:	13 60 ft				

Method of Construction & Well

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
<u>Use</u>					
Method Cons	truction Code:	1 Cable Tool			
Pipe Informa	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578836 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Depth	eter: eter UOM:	930053187 1 STEEL 14 5 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Depth	eter: eter UOM:	930053188 2 4 OPEN HOLE 60 5 inch ft			
Results of W	ell Yield Testing				
Recommende Pumping Rat Flowing Rate Recommende Levels UOM: Rate UOM:	fter Pumping: ed Pump Depth: e: : ed Pump Rate: After Test Code: After Test: at Method: ration HR:	991508231 13 35 30 ft GPM 1 CLEAR 1 0 30 N			

Water Details

Water ID:	933462650
Layer:	1
Kind Code:	1

Мар Кеу	Number Records		Elev/Diff) (m)	Site		DB
Kind: Water Found Water Found		FRESH 50 1 : ft				
<u>26</u>	1 of 1	N/217.2	78.2 / -1.67	S. 21 1945 LAUDER STREE Ottawa ON K2A 1B2	ET <unofficial></unofficial>	SPL
Ref No: Site No:		7686-5RFHUD		Discharger Report: Material Group:	Oil	
Incident Dt: Year:		9/16/2003		Health/Env Conseq: Client Type:		
Incident Cau Incident Eve Contaminant	nt: t Code:	Tank (Above Ground) Leak		Sector Type: Agency Involved: Nearest Watercourse:	Other	
Contaminant Contaminant Contam Limi Contaminant	t Limit 1: it Freq 1:	FURNACE OIL		Site Address: Site District Office: Site Postal Code: Site Region:	Ottawa Eastern	
Environment Nature of Im Receiving Me	t Impact: pact:	Not Anticipated Groundwater Pollution; Soil Land & Water	Contamination	Site Region. Site Municipality: Site Lot: Site Conc:	Ottawa	
Receiving Er MOE Respor Dt MOE Arvl	nv: nse: ' on Scn:			Northing: Easting: Site Geo Ref Accu:		
MOE Reporte Dt Document Incident Rea Site Name:	t Closed:	9/16/2003 Unknown - Reason not dete	ermined FREET <unoffici< td=""><td>Site Map Datum: SAC Action Class: Source Type:</td><td>Spill to Land</td><td></td></unoffici<>	Site Map Datum: SAC Action Class: Source Type:	Spill to Land	
Site County// Site Geo Ref Incident Sun Contaminant	f Meth: nmary:	TSSA/MOE - oil ta other - see incide	ank leak to natural nt description	env'mt		
<u>27</u>	1 of 1	SSW/221.6	81.9/2.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U	er Use:	1508857 Domestic 0		Data Entry Status: Data Src: Date Received: Selected Flag:	1 11/26/1952 Yes	
Final Well St Water Type: Casing Mate	tatus:	Water Supply		Abandonment Rec: Contractor: Form Version:	3725 1	
Audit No: Tag: Constructior				Owner: Street Name: County:	OTTAWA-CARLETON	
Elevation (m) Elevation Re Depth to Bec Well Dopth:	eliability:			<i>Municipality: Site Info: Lot: Concession:</i>	OTTAWA CITY	
Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	Level: I):			Concession Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole In	formation					
Bore Hole ID DP2BR:):	10030891 10		Elevation: Elevrc:	82.684707	

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Spatial Status:				Zone:	18	
Code OB:	r			East83:	440185.7	
Code OB Desc	: Bedro	ock		North83:	5024562	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	5	
Date Complete	d: 8/9/19	952		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:				Location Method:	p5	
Elevrc Desc:					•	
Location Source	ce Date:					
Improvement L	ocation Source:					
	ocation Method					
Source Revisio						
Supplier Comm	nent:					
<u>Overburden an</u> Materials Inter						
Formation ID:		931010783				
Layer:		1				
Color:						
General Color:						
Mat1:		13				
Most Common	Material:	BOULDERS				
Mat2:		14				
Other Materials	s:	HARDPAN				
Mat3:						
Other Materials						
Formation Top		0				
Formation End		10				
Formation End	Depth UOM:	ft				
<u>Overburden an</u> Materials Inter						
Formation ID:		931010784				
Layer:		2				
Color:		1				
General Color:		WHITE				
Mat1:		15				
Most Common	Material	LIMESTONE				
Mat2:	material.					
Other Materials	ç.					
Mat3:						
Other Materials	ç.					
Formation Top		10				
Formation End	Depth:	65				
Formation End	Depth UOM:	ft				
<u>Method of Con</u> <u>Use</u>	struction & Well	<u>L</u>				
Method Constr						
Method Constr		1				
Method Constr		Cable Tool				
Other Method	Construction:					
<u>Pipe Information</u>	<u>on</u>					
Pipe ID:		10579461				
		1				
Casing No:		1				
Casing No: Comment: Alt Name:		1				

Construction Record - Casing

Casing ID: Layer:	930054413 1
Material:	1 STEEL
<i>Open Hole or Material: Depth From:</i>	STEEL
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930054414
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508857
Pump Set At: Static Level:	8
Final Level After Pumping:	8
Recommended Pump Depth:	
Pumping Rate:	8
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:	Ν

Water Details

28	1 of 1	E/221.7	80.9 / 1.00
Water Foul	nd Depth UOM:	ft	
Water Four		60	
Kind:		FRESH	
Kind Code	:	1	
Layer:		1	
Water ID:		933463553	

28 1 of 1	E/221.7	80.9 / 1.00	WW	ic i
_		ON		3
Well ID:	1507979	Data Entry Status:		
Construction Date:		Data Src:	1	
Primary Water Use:	Domestic	Date Received:	10/15/1951	
Sec. Water Use:	0	Selected Flag:	Yes	
Final Well Status:	Water Supply	Abandonment Rec:		
Water Type:		Contractor:	5448	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing Mater Audit No: Tag: Construction Elevation (m) Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N) Flow Rate: Clear/Cloudy	Method: : iability: rock: Bedrock: Level:):			Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Inf	ormation					
Improvement	4 s: c: Bedroc ted: 5/25/19 trce Date: Location Source: Location Method: ion Comment: ment:	k		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.866745 18 440480.7 5024722 9 unknown UTM p9	
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation Er Formation Er	r: n Material: als: als: p Depth:	931008520 1 05 CLAY 0 4 ft				
<u>Overburden a</u> Materials Inte						
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia	r: n Material: nls:	931008521 2 15 LIMESTONE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To Formation El Formation El		4 79 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578584 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Dept	eter: eter UOM:	930052685 2 4 OPEN HOLE 79 5 inch ft			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM:	930052684 1 STEEL 11 5 inch ft			
<u>Results of W</u>	ell Yield Testing				
Recommend Pumping Rate Flowing Rate Recommend Levels UOM: Rate UOM:	: ed Pump Depth: ee: ee: ed Pump Rate: After Test Code: After Test: st Method: ration HR:	991507979 10 15 7 ft GPM 1 CLEAR 1 0 30 N			

	Number of Records	f Direction/ Elev/D Distance (m) (m)		Site		DB
Water Details						
Water ID:		933462297				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found De Water Found De		79 ft				
Water I Gund De		it is a second s				
<u>29</u> 1 0	of 1	SE/223.3	81.9/2.00	lot 28 con 2 ON		wwis
Well ID:	15106	01		Data Entry Status:		
Construction Da				Data Src:	1	
Primary Water U		Stic		Date Received:	1/5/1950	
Sec. Water Use: Final Well Status	-	Supply		Selected Flag: Abandonment Rec:	Yes	
Water Type:	5. Water	Oupply		Contractor:	3725	
Casing Material:				Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction Me	ethod:			County:	OTTAWA-CARLETON	
Elevation (m):				Municipality:	OTTAWA CITY (NEPEAN)	
Elevation Reliab Depth to Bedroc				Site Info: Lot:	028	
Well Depth:	·n.			Concession:	02	
Overburden/Bed	lrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water Lev	rel:			Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
Bore Hole Inform	nation					
Bore Hole ID:	10032	627		Elevation:	81.928474	
DP2BR:	11			Elevrc:	10	
Spatial Status: Code OB:	r			Zone: East83:	18 440385.7	
Code OB. Desc:	Bedro	ck		North83:	5024582	
Open Hole:	Deale			Org CS:	002-1002	
Cluster Kind:				UTMRC:	9	
Date Completed	: 11/1/1	949		UTMRC Desc:	unknown UTM	
Remarks:				Location Method:	p9	
Elevrc Desc:	Derie					
Location Source Improvement Lo						
Improvement Lo						
Source Revision						
Supplier Comme	ent:					
<u>Overburden and</u> Materials Interva						
Formation ID:		931015337				
Layer:		2				
Color:						
General Color:						
Mat1:		08				
Most Common N	Naterial:	FINE SAND				
Mat2:						
Other Materials:						

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Other Materi		10			
Formation E		10			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
		021015240			
Formation IL Layer:):	931015340 5			
Color:		2			
General Colo	or:	GREY			
Mat1:		15			
Most Comme Mat2:	on Material:	LIMESTONE			
Other Materi	als:				
Mat3:					
Other Materi		00			
Formation To Formation E	op Depth: nd Dopth:	60 75			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation IL		931015341			
Layer:		6			
Color:		6			
General Colo	or:	BROWN			
Mat1:		26			
Most Commo Mat2:	on Material:	ROCK			
Other Materi	als				
Mat3:	uio.				
Other Materi					
Formation T		75			
Formation E		115			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	and Bedrock				
		004045000			
Formation IL Layer:);	931015339 4			
Color:		6			
General Colo	or:	BROWN			
Mat1:		26			
Most Comm	on Material:	ROCK			
Mat2: Other Materi	ale				
Mat3:	a13.				
Other Materi					
Formation T		48			
Formation E Formation E	nd Depth: nd Depth UOM:	60 ft			
	and Bedrock				
Materials Int					
Formation IL	D:	931015336			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Colo	or:	05			
Mat1: Most Commo	n Mətorial:	05 CLAY			
Mat2:	ni malenai.	09			
Other Materia	als:	MEDIUM SAND			
Mat3:					
Other Materia		2			
Formation To	op Depth:	0			
Formation Er Formation Er	nd Depth UOM:	10 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID		931015338			
Layer:	•	3			
Color:		2			
General Colo	or:	GREY			
Mat1:		15			
Most Commo Mat2:	on Material:	LIMESTONE			
Matz: Other Materia	als:				
Mat3:					
Other Materia					
Formation To Formation Er	op Depth: nd Dopth:	11 48			
	nd Depth UOM:	ft			
Method of Co	onstruction & Well				
<u>Use</u>					
Method Cons	struction ID:				
	struction Code:	1			
Method Cons	struction:	Cable Tool			
Other Method	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10581197			
Casing No:		1			
Comment:					
Alt Name:					
Construction	Record - Casing				
Casing ID:		930057831			
Layer:		2			
Material:	Motori-l-				
Open Hole or Depth From:		OPEN HOLE			
Depth From: Depth To:		115			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
Construction	Record - Casing				
Casing ID:		930057830			
Layer:		1			
Material:	•• • • •	1			
Open Hole or	r Waterial:	STEEL			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth From:							
Depth To:			11				
Casing Diame			4				
Casing Diame			inch				
Casing Depth	UOM:		ft				
Results of We	ell Yield Te	<u>sting</u>					
Pump Test ID			991510601				
Pump Set At:							
Static Level:			10				
Final Level A							
Recommende		epth:					
Pumping Rate			4				
Flowing Rate							
Recommende	ed Pump R	ate:					
Levels UOM:			ft				
Rate UOM:			GPM				
Water State A		ode:	1				
Water State A			CLEAR				
Pumping Tes			1				
Pumping Dur			0				
Pumping Dur			30 N				
Flowing:			IN				
<u>Water Details</u>							
Water ID:			933465627				
Layer:			1				
Kind Code:			4				
Kind:			MINERIAL				
Water Found	Depth:		110				
Water Found	Depth UOI	И:	ft				
<u>30</u>	1 of 1		SW/224.2	80.9 / 1.00	ON		BORE
Barahala ID:		640740				No	
Borehole ID: OGF ID:		612749 215514			Inclin FLG: SP Status:	No Initial Entry	
Status:		210014	055		SP Status: Surv Elev:	No	
Type:		Borehol	۵		Piezometer:	No	
Use:		Dorchor	0		Primary Name:	110	
Completion D	ate [.]				Municipality:		
Static Water I		6.1			Lot:		
Primary Wate		••••			Township:		
Sec. Water Us					Latitude DD:	45.372195	
Total Depth n		-999			Longitude DD:	-75.764454	
Depth Ref:		Ground	Surface		UTM Zone:	18	
Depth Elev:					Easting:	440141	
Drill Method:					Northing:	5024582	
Orig Ground	Elev m:	79.2			Location Accuracy:		
Elev Reliabil					Accuracy:	Not Applicable	
DEM Ground	Elev m:	82.3					
Concession:							
Location D: Survey D: Comments:							

Borehole Geology Stratum

 Geology Stratum ID:
 218392342

 Top Depth:
 0

Mat Consistency: Material Moisture:

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4:		.3 Sand			Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Gsc Material L Stratum Desc			SAND.			
Geology Strat	tum ID:	21839234	3		Mat Consistency:	
Top Depth: Bottom Depth	h:	.3 6.1			Material Moisture: Material Texture:	
Material Color	r:				Non Geo Mat Type:	
Material 1: Material 2:		Clay			Geologic Formation: Geologic Group:	
Material 3: Material 4:					Geologic Period: Depositional Gen:	
Gsc Material I Stratum Desc			CLAY.			
Geology Strat	-	21839234	-		Mat Consistency:	
Top Depth:		6.1	-		Material Moisture:	
Bottom Depth Material Color		White			Material Texture: Non Geo Mat Type:	
Material 1:		Bedrock			Geologic Formation:	
Material 2: Material 3:		Limestone	9		Geologic Group: Geologic Period:	
Material 4:					Depositional Gen:	
	Description					000025 010 00012000000250020000 **Note:
Stratum Desci	ription:				ment have a truncated [Stra	08 00025 010 00013009000250930000 **Note: atum Description] field.
Stratum Desc	ription:					
Stratum Desc. <u>Source</u> Source Type:		Data Surv	Many records provid		ment have a truncated [Stra Source Appl:	
Stratum Desc <u>Source</u> Source Type: Source Orig:		Data Surv Geologica	Many records provid ey Il Survey of Canada		ment have a truncated [Stra Source Appl: Source Iden:	atum Description] field. Spatial/Tabular 1
Stratum Desc <u>Source</u> Source Type: Source Orig: Source Date:		Data Surv	Many records provid ey Il Survey of Canada		ment have a truncated [Stra Source Appl:	atum Description] field. Spatial/Tabular
Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio:		Data Surv Geologica 1956-1972 H	Many records provid rey Il Survey of Canada 2	led by the depart	ment have a truncated [Stra Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	atum Description] field. Spatial/Tabular 1 Varies
		Data Surv Geologica 1956-1972 H	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I	ed by the depart omated Informatio RecordID: 05257	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail:		Data Surv Geologica 1956-1972 H	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I	ed by the depart omated Informatio RecordID: 05257	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS)	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail: Confiden 1:		Data Surv Geologica 1956-1972 H	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I	ed by the depart omated Informatio RecordID: 05257	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Stratum Desc <u>Source</u> Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Detail: Confiden 1: <u>Source List</u> Source Identif	: ls: lfier:	Data Surv Geologica 1956-1972 H	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt H Logged by professio	ed by the depart omated Informatio RecordID: 05257	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27
Stratum Descu Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Name: Source Detail: Confiden 1: Source List Source List Source Identifi Source Identifi	: ls: lfier:	Data Surv Geologica 1956-1972 H 1 Data Surv	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt H Logged by professio	ed by the depart omated Informatio RecordID: 05257	Source Appl: Source Iden: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Name. Source Detail: Confiden 1: Source List Source List Source Identii Source Type: Source Date: Scale or Reso	s: ls: ifier: plution:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I Logged by professio	and by the depart omated Information RecordID: 05257 Inal. Exact and c	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Datail: Confiden 1: Source List Source List Source Identifi Source Identifi Source Type: Source Date:	s: Is: fier: plution:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt H Logged by professio	prometed Information RecordID: 05257 Inal. Exact and commated Information	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Name. Source List Source List Source Identit Source Type: Source Date: Scale or Reso Source Name.	s: Is: fier: plution:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I Logged by professio rey 2 Urban Geology Auto	prometed Information RecordID: 05257 Inal. Exact and commated Information	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Date: Source List Source List Source Identii Source Identii Source Date: Scale or Reso Source Name. Source Origin <u>31</u> Well ID:	ifier: blution: hators:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I Logged by professio rey 2 Urban Geology Auto Geological Survey o	prometed Information RecordID: 05257 Inal. Exact and commated Information	Source Appl: Source Iden: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 28 con 2 ON Data Entry Status:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level Universal Transverse Mercator
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source List Source List Source Identii Source Date: Scale or Reso Source Name: Source Origin <u>31</u> Well ID: Construction	is: ifier: plution: inators: 1 of 1 Date:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies 1510600	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I Logged by professio rey 2 Urban Geology Auto Geological Survey o	prometed Information RecordID: 05257 Inal. Exact and commated Information	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level Universal Transverse Mercator
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source List Source List Source Identifi Source Date: Scale or Reso Source Origin <u>31</u> Well ID: Construction Primary Wated	fier: blution: ators: 1 of 1 Date: r Use:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I Logged by professio rey 2 Urban Geology Auto Geological Survey o	prometed Information RecordID: 05257 Inal. Exact and commated Information	Source Appl: Source Iden: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 28 con 2 ON Data Entry Status:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level Universal Transverse Mercator
Stratum Desci Source Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Name. Source List Source List Source Identii Source Type: Source Date: Scale or Reso Source Name. Source Origin	fier: blution: ators: 1 of 1 Date: r Use: se:	Data Surv Geologica 1956-1972 H 1 Data Surv 1956-1972 Varies 1510600 Domestic	Many records provid rey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt I Logged by professio rey 2 Urban Geology Auto Geological Survey o	prometed Information RecordID: 05257 Inal. Exact and commated Information	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) 0 NTS_Sheet: 31G05C omplete description of mate Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS) Iot 28 con 2 ON Data Entry Status: Data Src: Date Received:	atum Description] field. Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level rial and properties. NAD27 Mean Average Sea Level Universal Transverse Mercator

Map Key Numb Reco		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
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:				Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON OTTAWA CITY (NEPEAN) 028 02 OF	
Bore Hole Information	1					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10032626 5 r Bedrock 11/15/1949	Э		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.715354 18 440470.7 5024682 9 unknown UTM p9	
Source Revision Com Supplier Comment: Overburden and Bedi Materials Interval						
Formation ID: Layer: Color: General Color:		931015334 1				
Mat1: Most Common Materi Mat2: Other Materials: Mat3:		05 CLAY				
Other Materials: Formation Top Depth Formation End Depth Formation End Depth	: (0 5 it				
<u>Overburden and Bedr</u> <u>Materials Interval</u>	ock					
Formation ID: Layer: Color: General Color: Mat1: Most Common Materi Mat2: Other Materials:		931015335 2 3 BLUE 17 SHALE				
Mat3: Other Materials: Formation Top Depth Formation End Depth		5 60				

Formation End Depth UOM: ft Method of Construction & Well. Use	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Uses Method Construction DC: Method Construction: Cable Tool Cable Tool Cable Tool Pipe Information	Formation Er	d Depth UOM:	ft			
Method Construction 1 Cable Tool Cable Tool Pipe Information Cable Tool Pipe ID: 10581196 Casing No: 1 Att Name: 2 Commont: 300057829 Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth Form: 2 Casing Diameter: 5 Casing Diameter: 6 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 1 Casing Diameter: 5 Casing Diameter UOM: inch	-	nstruction & Well				
Pipe ID: 10581196 Casing No: 1 At Name: Construction Record - Casing Casing ID: 930057829 Layor: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From:	Method Cons Method Cons	truction Code: truction:				
Casing No: 1 Comment: Alt Name: Comment: Alt Name: Costruction Record - Casing Casing ID: 930057829 Layer: 2 Material: 4 Open Hole or Material: 4 Depth From: Depth Tro: 60 Casing Diameter: 5 Casing Diameter: 5 Casing Depth UOM: t Casing Depth UOM: t Casing Depth To: 10 Material: 1 Depth To: 5 Casing Diameter: 5 Casing Depth UOM: t Casing Depth UOM: 15 Casing Depth UOM: t Casing Depth UOM: 15 Casing Diameter: 5 Casing Diameter: 5 Casing Diameter: 5 Casing Depth UOM: 15 Casing Diameter: 5 C	Pipe Informa	tion				
Casing ID:930057829Layer:2Material:4Open Hole or Material:OPEN HOLEDepth From:60Casing Diameter:5Casing Diameter:5Casing Diameter:1Construction Record - CasingCasing Diameter:1Depth From:Layer:1Material:1Open Hole or Material:5Casing Diameter:5Casing Diameter:1Depth From:1Depth From:1Depth From:1Depth From:1Depth From:1Depth From:1Depth From:5Casing Diameter:5Casing Diameter:5	Casing No: Comment:					
Layer: 2 Material: 4 Open Hole or Material: OPEN HOLE Depth From:	<u>Construction</u>	<u>Record - Casing</u>				
Casing ID:930057828Layer:1Material:1Open Hole or Material:STEELDepth From:-Depth To:15Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:tResults of Well Yield TestingPump Test ID:991510600Pump Set At:-Static Level:10Final Level After Pumping:15Recommended Pump Depth:Pumping Rate:-	Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo	eter: eter UOM:	2 4 OPEN HOLE 60 5 inch			
Layer:1Material:1Open Hole or Material:STEELDepth From:-Depth To:15Casing Diameter:5Casing Diameter UOM:inchCasing Depth UOM:tResults of Well Yield Testing-Pump Test ID:991510600Pump Set At:-Static Level:10Final Level After Pumping:15Recommended Pump Depth:-Pumping Rate:-Flowing Rate:-	Construction	Record - Casing				
Pump Test ID: 991510600 Pump Set At:	Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo	eter: eter UOM:	1 1 STEEL 15 5 inch			
Pump Set At: Static Level: 10 Final Level After Pumping: 15 Recommended Pump Depth: Pumping Rate: Flowing Rate:	Results of W	ell Yield Testing				
Recommended Pump Rate: Levels UOM: ft	Pump Set At: Static Level: Final Level A Recommende Pumping Rate Flowing Rate Recommende	fter Pumping: ed Pump Depth: e: : ed Pump Rate:	10 15			

Water Details

Levels UOM:

Water State After Test Code:

Water State After Test:

Pumping Test Method:

Pumping Duration HR: Pumping Duration MIN: Flowing:

Rate UOM:

ft GPM

1

1

Ν

CLEAR

Map Key Number Records		Elev/Diff) (m)	Site		D
Vater ID: ayer: (ind Code: (ind: Vater Found Depth: Vater Found Depth UON	933465626 1 1 FRESH 55 // : ft				
32 1 of 1	SE/225.8	81.9/2.00	ON		ww
Vell ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Fag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Vell Depth: Depth to Bedrock: Well Depth: Depth to Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	1508460 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: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/5/1951 Yes 3566 1 OTTAWA-CARLETON OTTAWA CITY	
ore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Dpen Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Socation Source Date: mprovement Location Source Revision Comme Source Revision Comme Supplier Comment:	Nethod:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.88359 18 440415.7 5024602 5 margin of error : 100 m - 300 m p5	
Overburden and Bedroc <u>Materials Interval</u>	<u>k</u>				
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials:	931009724 2 06 SILT				
	m Environmental Risk Ir	formation Convis		Order No: 201912	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To	p Depth:	2			
Formation En	d Depth: d Depth UOM:	7 ft			
FOIMALION EN	a Depth OOM.	п			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID:		931009725			
Layer:		3			
Color: General Color	r:				
Mat1:	-	26			
Most Commo	n Material:	ROCK			
Mat2: Other Materia	le:				
Mat3:	13.				
Other Materia					
Formation To Formation En		7 131			
Formation En	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID:		931009723			
Layer:		1			
Color: General Color	.				
Mat1:	-	01			
Most Commo	n Material:	FILL			
Mat2:					
Other Materia Mat3:	is:				
Other Materia	ls:				
Formation To	p Depth:	0			
Formation En	d Depth: d Depth UOM:	2 ft			
Formation En	а Берті ООМ:	п			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	-			
Method Cons	truction ID:				
Method Cons	truction Code:	1			
Method Cons	truction: Construction:	Cable Tool			
	construction.				
Pipe Informat	ion				
Pipe ID:		10579064			
Casing No:		1			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:		930053633			
Layer:		1			
Material:	Motorial	1 STEEL			
Open Hole or Depth From:	waterial:	SIEEL			
Depth To: Casing Diame		17 4			

Casing Depth UOM: it Casing Depth UOM: it Results of Well Yield Testing Pump Test ID: 991500460 Pump Set At: 9 Pump Set At: 9 Pumping Rate: 9 Recommended Pump Depth: 9 Recommended Pump Rete: Levels UOM: 10 Recommended Pump Rete: Levels UOM: 10 Rete: 10 Rete: 10 Rete: 10 Recommended Pump Rete: Levels UOM: 10 Rete: 10 Recommended Pump Rete: Levels UOM: 10 Rete: 10 Rete: 10 Recommended Pump Rete: 10 Recommended Pump Rete: 10	D	Site	Elev/Diff (m)	Direction/ Distance (m)	Number of Records	Map Key
Turny Test ID: 91503460 Turny Set At: 2 Tinal Level After Pumping: 20 Steik Level: 9 Turny Test Murph Depth: 20 Steomenaded Pump Depth: 9 Stowing Rate: 1 Turnying Duration MiN: 0 Stowing: N Vater Date III: 933462970 Store: 125 Stowing Dopth: 125 Vater Colatist 1 Vater Details 9 Vater Details 9 Vater Details 9 Vater Details 9 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Number Set At: Set At: Intel Level After Pumping: 20 Vater State After Test: CLEAR Yumping Test Method: 1 Yater Details 1 Yater Details 90 Yater Found Depth UOM: 1					ell Yield Testing	Results of We
Static Level: 2 Final Level Atter Pumping: 20 Secommended Pump Dept:: 9 Towing Rate: 9 Recommended Pump Rate: 9 Revel OM: 0 Water State Atter Test: 0LEAR Pumping Test Method: 1 Pumping Duration MR: 0 Varier State Atter Test: 0 Varier Found Depth: 125 Varier Found Depth: 125 Varier Found Depth: 933462969 Varier Found Depth: 0 Varier Found Depth: 0 Varier Found Depth: 0 Varier Found Depth: <				991508460		
Time Level After Pumping: 20 Pumping Rate: 9 Pumping Rate: 9 Provining Rate: 9 Secommended Pump Depth: 1 Pumping Rate: 9 Secommended Pump Rate: 9 Secommended Pump Rate: 9 Secommended Pump Rate: 9 Secommended Pump Rate: 9 Water State After Test Code: 1 Pumping Duration MR: 0 Pumping Duration MR: 0 Pumping Duration MR: 0 Secommended Pump Rate: 0 Ret Details 0 Nater Details 0 Vater Details 125 Vater Found Depth: 125 Vater Found Depth: 125 Vater Found Depth: 125 Vater Found Depth: 1 Vater Details 0 Vater Details <				0		
Becommended Pump Depth: 9 Towing Rate: 9 Secommended Pump Rate: 9 Levels UOM: ft Becommended Pump Rate: 1 Levels UOM: ft Bet UOM: CEAR Jumping Test Method: 1 Jumping Duration MR: 0 Jumping Duration MR: 0 Jowing: N Vater Details Vater Details Vater Duration MR: 0 Jowing: N Vater Duration MR: 0 Jowing: N Vater Duration MR: 0 Jowing: N Vater Duration MR: 0 Vater Duration MR: 0 Vater Duration MR: 1 Vater Found Depth: 15 Vater Found Depth: 15 Vater Duration MDOM: 1 Vater Duration MDOM: 1 Vater Could Depth UOM: 1 Vater Could Depth UOM: 1 Vater Could Depth UOM: 1 <td></td> <td></td> <td></td> <td></td> <td>ftor Dumping</td> <td></td>					ftor Dumping	
Turnping Rate: 9 Towing Rate: 9 Becommended Pump Rate: F Becommended Pump Rate: F Becommended Pump Rate: GPM Water State After Test Code: 1 Varer State After Test Code: 1 Turnping Toration HR: 1 Turnping Duration MR: 0 Towing: N Water State After Test Code: 1 Turnping Duration MR: 1 Turnping Duration MR: 0 Towing: N Water Datalls 0 Vater Duration MN: 0 Vater Duration MN: 0 Vater Duration MN: 0 Vater Duration MN: 0 Vater Found Depth 125 Vater Found Depth 105 Vater Found Depth 90 Vater Found Depth 90 Vater Found Depth 90 Vater Found Depth 90 Vater Found Depth 131 Vater Found Depth 131 Va				20		
Towing Rate: evels UOM: ft evels UOM: ft tecommende Pump Rate: GPM Vater State After Test: CLEAR Tumping Torst Method: 1 Tumping Duration MR: 0 Tumping Duration MR: 0 Towing: N Vater Details Vater Checalis Vater Duration MR: 0 Vater Checalis N Vater Duration MR: 0 Vater Duration N Vater Duration 1 Vater Duration 1 <tr td=""> 1</tr>				9		
evels UOM: ft State UOM: GPM Water State After Test: CLEAR 'umping Test Method: 1 'umping Duration MR: 0 'inowing: N Yater DetailS Valuer DetailS 'water DetailS Valuer DetailS Yater DetailS Valuer DetailS Yater DetailS Valuer State After Test: Yater DetailS Valuer DetailS Yater DetailS Valuer State After Test: Yater DetailS Yater Found Depth: Yater Found Depth: 125 Yater DetailS Yater Part State After State A);	Flowing Rate
Base UOM: CPM Vater Stan After Test: CLEAR Yumping Test Nethod: 1 Yumping Duration HR: 0 Yumping Duration HR: 0 Yumping Duration HR: 0 Yumping Test Nethod: 1 Yumping Duration HR: 0 Yumping Duration MN: 0 Yater Details Valer Details Yater Details Valer Details Yater Duration District 125 Yater Found Depth: 125 Yater Found Depth UOM: t Yater Details Valer Details Yater Details Valer Details Yater Found Depth UOM: t Yater Details Valer Details Yater Details Valer Details Yater Found Depth 90 Yater Found Depth UOM: t Yater Details Valer Details Yater Details Valer Details Yater Found Depth 131 Yater Found Depth 131 Yater Found Depth 131 Yate						
Water State After Test: CLEAR Yumping Test Method: 1 Yumping Test Method: 1 Yumping Duration MR: 0 Yumping Duration MR: 125 Yumping Duration MR: 125 Yater Found Depth: 125 Yater Found Depth UOM: 1 Yater Found Depth: 933462969 Yumer Found Depth: 90 Yater Found Depth: 90 Yater Found Depth: 90 Yater Found Depth: 131 Yater Found Depth: 131 Yater Found Depth:						
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		ON				

	Records	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site		1
Well ID:		1508462			Data Entry Status:		
Construction	Date:				Data Src:	1	
Primary Wate	er Use:	Domestic			Date Received:	4/1/1952	
Sec. Water Us	se:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water Supp	bly		Abandonment Rec:		
Nater Type:					Contractor:	3725	
Casing Materi	ial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	Method:				County:	OTTAWA-CARLETON	
Elevation (m):					Municipality:	OTTAWA CITY	
Elevation Reli					Site Info:		
Depth to Bedr					Lot:		
Well Depth:	IOCK.				Concession:		
Overburden/B	Podrooki				Concession Name:		
	Seurock.						
Pump Rate:	l avral.				Easting NAD83:		
Static Water L					Northing NAD83:		
Flowing (Y/N)):				Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy:	:						
Bore Hole Info	ormation						
Bore Hole ID:		10030496			Elevation:	81.904243	
DP2BR:		10			Elevrc:	40	
Spatial Status	s:				Zone:	18	
Code OB:		r			East83:	440390.7	
Code OB Des	SC:	Bedrock			North83:	5024582	
D					Org CS:		
<i>эреп ноіе:</i>							
•					UTMRC:	5	
Open Hole: Cluster Kind: Date Complet		11/14/1951					
•		11/14/1951			UTMRC:	margin of error : 100 m - 300 m	
Cluster Kind: Date Complet Remarks:		11/14/1951			UTMRC: UTMRC Desc:		
Cluster Kind: Date Complet Remarks: Elevrc Desc:	ted:	11/14/1951			UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m	
Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soul	ted: rce Date:				UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m	
Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soul Improvement	ted: irce Date: Location S	Source:			UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m	
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Cluster Kind: Date Complet Remarks: Elevrc Desc: Location Soui Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Intel</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Dther Materia Dther Materia	ted: Irce Date: Location S Location N ion Comme ion Comme ion Comme ion Bedroc r: als: als: b Depth: ad Depth: ad Depth UC and Bedroc erval : :	Source: Method: ent: 9 1 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0	5 LAY 0 31009729		UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1: Most Common Mat2: Other Material		15 LIMESTONE			
<i>Mat3: Other Material Formation Top Formation End Formation End</i>	o Depth: d Depth:	10 56 ft			
<u>Method of Col Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	truction Code:	1 Cable Tool			
<u>Pipe Informati</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		10579066 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	ter: ter UOM:	930053637 2 4 OPEN HOLE 56 4 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	ter: ter UOM:	930053636 1 1 STEEL 20 4 inch ft			
Results of We	II Yield Testing				
Pump Test ID: Pump Set At: Static Level: Final Level Af Recommende Pumping Rate Flowing Rate: Recommende	ter Pumping: d Pump Depth: a:	991508462 8 8 5			
Levels UOM: Rate UOM:	fter Test Code:	ft GPM 1			

Map Key	Number Records		ection/ tance (m)	Elev/Diff (m)	Site		DB
Water State A Pumping Tes Pumping Dui Pumping Dui Flowing:	at Method: ration HR:	CLEAF 1 0 30 N	2				
Water Details	5						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933462 1 1 FRESH 56 1 : ft					
<u>34</u>	1 of 1	E/229	0.0	79.9 / 0.00	ON		WWIS
Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re. Depth to Beo Well Depth: Overburden// Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: lse: atus: rial: Method: liability: liability: Bedrock: Bedrock: Level:):	1508149 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:	8 9/7/1954 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole In DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind. Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	: s: sc: ted: t Location S t Location N sion Comme	lethod:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	81.051177 18 440490.7 5024802 9 unknown UTM p9	
<u>Overburden a</u> Materials Inte		<u>k</u>					
Formation ID Layer:):	931008 2	3926				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Colo	or.	1 WHITE			
Mat1:		15			
Most Commo Mat2:	on Material:	LIMESTONE			
Other Materia Mat3:	als:				
Other Materia	als:				
Formation To	op Depth:	8			
Formation El Formation El	nd Depth: nd Depth UOM:	150 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID) <u>:</u>	931008925			
Layer:		1			
Color: General Colo	or-				
Mat1:		05			
Most Commo Mat2:	on Material:	CLAY			
Other Materia	als:				
Mat3: Other Materia	als:				
Formation To	op Depth:	0			
Formation El Formation El	nd Depth: nd Depth UOM:	8 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1 Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10578754 1			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053029			
Layer: Material:		2 4			
Open Hole of	r Material:	4 OPEN HOLE			
Depth From:					
Depth To: Casing Diam	eter.	150 4			
Casing Diam Casing Diam Casing Depti	eter UOM:	inch ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053028			
Layer:		1			
Material: Open Hole of	r Material:	1 STEEL			
-					

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth From: Depth To: Casing Diam Casing Diam Casing Depti	eter UOM: h UOM:		20 4 inch ft				
Results of W Pump Test IL Pump Set At Static Level: Final Level A Recommend Pumping Rate Recommend Levels UOM: Rate UOM: Water State J Pumping Tes Pumping Du Pumping Du Flowing: Water Details	D: fter Pumpi ed Pump D te: ed Pump R After Test (After Test: st Method: ration HR: ration MIN:	ing: Depth: Rate: Code:	991508149 30 1 1 ft GPM 1 0 30 N				
Water ID: Layer: Kind Code: Kind: Water Found Water Found		M:	933462543 1 1 FRESH 150 ft				
<u>35</u>	1 of 1		ESE/230.0	80.9 / 1.00	ON		wwis
Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Flowing (Y/N Flow Rate: Clear/Cloudy	er Use: se: atus: rial: n Method:): liability: lrock: Bedrock: Bedrock: Level:):	1508142 Domesti 0 Water Si	c		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	8 9/7/1954 Yes 3725 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole ID DP2BR:		1003017 10	7		Elevation: Elevrc:	80.576293	

Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme Overburden and Materials Interval Formation ID: Layer: Color: General Color: Mat1:	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY	Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 440480.7 5024692 9 unknown UTM p9	
Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Improvement Loc Source Revision Supplier Comme Overburden and Materials Interval Formation ID: Layer: Color: General Color: Mat1:	Bedrock 7/27/195 Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY	North83: Org CS: UTMRC: UTMRC Desc:	5024692 9 unknown UTM	
Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	7/27/195 Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY	Org CS: UTMRC: UTMRC Desc:	9 unknown UTM	
Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	7/27/195 Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY	Org CS: UTMRC: UTMRC Desc:	9 unknown UTM	
Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY	UTMRC: UTMRC Desc:	unknown UTM	
Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY	UTMRC Desc:	unknown UTM	
Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	931008910 2 2 GREY			
Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	cation Source: cation Method: Comment: nt: <u>Bedrock</u>	2 2 GREY	Location Method:	p9	
Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	cation Source: cation Method: Comment: nt: <u>Bedrock</u>	2 2 GREY			
Location Source Improvement Loc Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	cation Source: cation Method: Comment: nt: <u>Bedrock</u>	2 2 GREY			
Improvement Loo Improvement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	cation Source: cation Method: Comment: nt: <u>Bedrock</u>	2 2 GREY			
Improvement Loo Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	cation Method: Comment: nt: <u>Bedrock</u> !	2 2 GREY			
Source Revision Supplier Comme <u>Overburden and</u> <u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	Comment: nt: <u>Bedrock</u> !	2 2 GREY			
Supplier Comme Overburden and Materials Interval Formation ID: Layer: Color: General Color: Mat1:	nt: <u>Bedrock</u> !	2 2 GREY			
Overburden and Materials Interval Formation ID: Layer: Color: General Color: Mat1:	<u>Bedrock</u> !	2 2 GREY			
<u>Materials Interva</u> Formation ID: Layer: Color: General Color: Mat1:	!	2 2 GREY			
Formation ID: Layer: Color: General Color: Mat1:		2 2 GREY			
Layer: Color: General Color: Mat1:	aterial:	2 2 GREY			
Layer: Color: General Color: Mat1:	aterial:	2 GREY			
Color: General Color: Mat1:	aterial:	2 GREY			
General Color: Mat1:	aterial:	GREY			
Mat1:	aterial:				
	aterial:				
	aterial:	15			
Most Common M		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top D		10			
Formation End D	epth:	118			
Formation End D		ft			
<u>Overburden and</u> Materials Interva					
	•				
Formation ID:		931008909			
Layer:		1			
Color:					
General Color:					
		05			
Mat1:		05			
Most Common M	aterial:	CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
		0			
Formation Top D	epth:	0			
Formation End D	epth:	10			
Formation End D	epth UOM:	ft			
	-				
Method of Const	ruction & Well				
Use					
036					
W - (1 - 1 - 0 ()	(I				
Method Construc					
Method Construc		1			
Method Construct	ction:	Cable Tool			
Other Method Co	nstruction:				
Pipe Information					
Pipe ID:		10578747			
Casing No:		1			
Comment:		·			
Alt Name:					

Construction Record - Casing

Casing ID:	930053015
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	118
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053014
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	20
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508142
Pump Set At:	
Static Level:	16
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	Ν

Water Details

Water ID:	933462534
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	116
Water Found Depth UOM:	ft
•	

<u>36</u> 1 of 1	WSW/230.5	79.9 / 0.00	SOMERSET TOWER 2045 CARLING AVE OTTAWA ON K2A 1	NUE	GEN
Generator No: Status:	ON5955870		PO Box No: Country:	Canada	
Approval Years: Contam. Facility: MHSW Facility:	2016 No No		Choice of Contact: Co Admin: Phone No Admin:	CO_OFFICIAL	

93

erisinfo.com | Environmental Risk Information Services

Map Key	Number of Records	Direction Distance		Site		D
SIC Code: SIC Descripti		88291 ELEVATOR A	ND ESCALATOR INS	TALLATION CONTRACTOR	RS	
Detail(s)						
Waste Class: Waste Class		251 OIL SKIMMIN	IGS & SLUDGES			
<u>37</u>	1 of 1	E/232.7	79.9 / 0.00	ON		wwi
Well ID: Construction Primary Wate Sec. Water U. Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Rel Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I Flowing (Y/N) Flow Rate:	Date: Provide the set of the set	508151 omestic ater 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: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/10/1954 Yes 4825 1 OTTAWA-CARLETON OTTAWA CITY	
Clear/Cloudy Bore Hole Inf						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des	8 s: r	0030186 edrock		Elevation: Elevrc: Zone: East83: North83:	80.861633 18 440490.7 5024822	
Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc:	ted: 8/2	2/1954		Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM p9	
Location Sou Improvement Improvement	rce Date: t Location Sou t Location Metl sion Comment:	hod:				
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID Layer: Color: General Colo Mat1: Most Commo	r:	931008930 2 15				
Most Commo Mat2: Other Materia Mat3:		LIMESTONE				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Materi					
Formation To		8 158			
Formation El Formation El	nd Depth: nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation ID):	931008929			
Layer:		1			
Color:					
General Colo Mat1:	or:	05			
Most Commo	on Material:	CLAY			
Mat2: Other Materi					
Mat3: Other Materi					
Formation Te		0			
Formation E	nd Depth:	8			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID:				
	struction Code:	1			
Method Con		Cable Tool			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID:		10578756			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930053033			
Layer:		2			
Material:		4			
Open Hole of Depth From:	r Material:	OPEN HOLE			
Depth From: Depth To:		158			
Casing Diam	eter:	5			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930053032			
Layer:		1			
Material: Open Hole o	r Material:	1 STEEL			
Depth From:		UILL			
Depth To:		22			
Casing Diam		5			
Casing Diam		inch			
Casing Dept		ft			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Results of W	ell Yield Testing	1				
Pump Test II	D:	991508151				
Pump Set At	:					
Static Level:		25				
	After Pumping:	45				
	led Pump Depth					
Pumping Ra		5				
Flowing Rate						
	led Pump Rate:					
Levels UOM:		ft				
Rate UOM:		GPM				
	After Test Code					
Water State		CLEAR				
Pumping Tes		1				
Pumping Du		0 30				
Pumping Du	ration win:	N N				
Flowing:		IN				
Water Details	<u>s</u>					
Water ID:		933462546				
Layer:		2				
Kind Code:		1				
Kind:		FRESH				
Water Found	d Depth:	140				
	Depth UOM:	ft				
Water Details	<u>s</u>					
Water ID:		933462545				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	l Depth:	50				
Water Found	I Depth UOM:	ft				
38	1 of 2	E/241.3	80.9 / 1.00			
<u></u>		2)21110		ON		WWIS
Well ID:		08387		Data Entry Status:		
Construction				Data Src:	1	
Primary Wat		mestic		Date Received:	4/17/1953	
Sec. Water U				Selected Flag:	Yes	
Final Well St		iter Supply		Abandonment Rec:	0705	
Water Type:				Contractor:	3725	
Casing Mate	riai:			Form Version:	1	
Audit No:				Owner: Stroot Name:		
Tag: Construction	n Mathad			Street Name:	OTTAWA-CARLETON	
Elevation (m				County: Municipality:	OTTAWA-CARLETON OTTAWA CITY	
Elevation Re	,			Site Info:		
Depth to Bec				Lot:		
Well Depth:	JI OCK.			Concession:		
Overburden/	Bedrock.			Concession Name:		
Pump Rate:	Deurock.			Easting NAD83:		
Static Water	l evel:			Northing NAD83:		
Flowing (Y/N				Zone:		
Flow Rate:	·/-			UTM Reliability:		
Clear/Clouds	<i>.</i> -					

Bore Hole Information

Clear/Cloudy:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Di
Bore Hole ID:	1003	0421		Elevation:	80.486244	
DP2BR:	10			Elevrc:		
Spatial Status:				Zone:	18	
Code OB:	r			East83:	440500.7	
Code OB Desc	: Bedro	ock		North83:	5024722	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	5	
Date Complete	d: 1/23/	1953		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:				Location Method:	p5	
Elevrc Desc:						
Location Sour	ce Date:					
	ocation Source					
Improvement L	ocation Methoo	d:				
Source Revision						
Supplier Comr	nent:					
<u>Overburden ar</u> Materials Inter						
Formation ID:		931009551				
Layer:		1				
Color:						
General Color:						
Mat1:		09				
Most Common	Material:	MEDIUM SAND				
Mat2:		11				
Other Material	s:	GRAVEL				
Mat3:		_				
Other Material	s:					
Formation Top		0				
Formation End		10				
Formation End		ft				
Overburden ar Materials Inter						
Formation ID:		931009552				
Layer:		2				
Color:		1				
General Color:		WHITE				
Mat1:		15				
Most Common	Material:	LIMESTONE				
Mat2:						
Other Material	S <i>:</i>					
Mat3:						
Other Materials	s:					
Formation Top	Depth:	10				
Formation End		175				
Formation End		ft				
	struction & Wel	<u>II</u>				
<u>Use</u>						
Method Consti	ruction ID:					
Method Const		1				
Method Consti	ruction:	Cable Tool				
Other Method	Construction:					
Pipe Information	<u>on</u>					
		10578991				
Pipe ID:						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Casing No: Comment: Alt Name:		1				
Construction	Record - Casing					
Casing ID:		930053491				
_ayer:		2				
Material:		4				
Open Hole or	Material:	OPEN HOLE				
Depth From: Depth To:		175				
Casing Diam	eter:	6				
Casing Diam		inch				
Casing Depth		ft				
Construction	Record - Casing					
Casing ID:		930053490				
ayer:		1				
Material:	Matavist	1 STEEL				
Open Hole or	Material:	STEEL				
Depth From: Depth To:		18				
Casing Diam	eter.	6				
Casing Diam		inch				
Casing Depth		ft				
Results of We	ell Yield Testing					
Pump Test ID Pump Set At:		991508387				
Static Level:		15				
	fter Pumping:	15				
	ed Pump Depth:	-				
Pumping Rat		5				
Flowing Rate						
Levels UOM:	ed Pump Rate:	ft				
Rate UOM:		GPM				
	fter Test Code:	1				
Nater State A		CLEAR				
Pumping Tes		1				
Pumping Dur	ation HR:	1				
Pumping Dur	ation MIN:	0				
Flowing:		Ν				
Nater Details						
Nater ID:		933462870				
ayer:		1				
Kind Code:		1				
Kind: Notor Found	Donth	FRESH				
Nater Found Nater Found	Depth: Depth UOM:	65 ft				
<u>38</u>	2 of 2	E/241.3	80.9 / 1.00	ON		ŴŴĬS
Nell ID:	15083	392		Data Entry Status:		
Construction		JJZ		Data Entry Status: Data Src:	1	
Primary Wate		estic		Date Received:	1/30/1956	

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Re Depth to Bed Well Depth: Overburden/A Pump Rate: Static Water Flowing (Y/N, Flow Rate: Clear/Cloudy	atus: rial: Method:): liability: lrock: Bedrock: Level:):	0 Water Sup	oly		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:	Yes 3701 1 OTTAWA-CARLETON OTTAWA CITY	
Bore Hole Int	formation						
Bore Hole ID. DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	s: sc: ted: tcoation S t Location N tocation N sion Comme	lethod:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.486244 18 440500.7 5024722 5 margin of error : 100 m - 300 m p5	
Overburden a Materials Inte		<u>k</u>					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Other Materia Mat3: Other Materia Formation To Formation En	or: on Material: als: als: op Depth: nd Depth:	2 1 L 2 2	5 IMESTONE				
Overburden a Materials Inte		<u>k</u>					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	or:	1	931009561 96 GILT				

Map Key Numb Recor		Direction/ Distance (m)	Elev/Diff (m)	Site	D
Other Materials:					
Nat3: Other Materials:					
Formation Top Depth.		0			
Formation End Depth.		4			
Formation End Depth	UOM:	ft			
Method of Construction	on & Well				
<u>Use</u>					
Method Construction		4			
Method Construction Method Construction:		1 Cable Tool			
Other Method Construction.					
Pipe Information					
Pipe ID:		10578996			
Casing No:		1			
Comment:					
Alt Name:					
Construction Record	- Casing				
Casing ID:		930053501			
Layer:		2			
Material:		4			
Open Hole or Material	1:	OPEN HOLE			
Depth From:		200			
Depth To: Casing Diameter:		5			
Casing Diameter UON	<i>n</i> -	inch			
Casing Depth UOM:		ft			
Construction Record	- Casing				
Casing ID:		930053500			
Layer:		1			
Material:		1			
Open Hole or Material	:	STEEL			
Depth From:		14			
Depth To: Casing Diameter:		5			
Casing Diameter UON	n-	inch			
Casing Depth UOM:		ft			
Results of Well Yield	<u>Testing</u>				
Pump Test ID:		991508392			
Pump Set At:					
Static Level:		30			
Final Level After Pum		70			
Recommended Pump	Depth:	-			
Pumping Rate:		5			
Flowing Rate:	Deter				
Recommended Pump Levels UOM:	rate:	ft			
Rate UOM:		GPM			
Water State After Tes	t Code:	1			
Water State After Test		CLEAR			
Pumping Test Method		1			
Pumping Duration HR		1			
		ronmental Risk Info			Order No: 2019121000

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Du	ration MIN:	0			
Flowing:		Ν			
Water Detail	<u>s</u>				
Water ID:		933462879			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found		200			
Water Found	I Depth UOM:	ft			
Water Detail	<u>s</u>				
Water ID:		933462878			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found		150			
Water Found	I Depth UOM:	ft			

Unplottable Summary

Total: 35 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	L.SIPOLINS	SOUTH OF CARLING AVE.	OTTAWA CITY ON	
CA	City of Ottawa	Carling Avenue (Road allownce)	Ottawa ON	
CA	City of Ottawa	Killeen Ave	Ottawa ON	
СА	City of Ottawa	Carling Ave	Ottawa ON	
CA	NORTHERN TELECOM LTD., CARLING CAMPUS	CARLING AVENUE (SWM)	NEPEAN ON	
СА	MOBIUS DEVELOPMENTS LTD.	PT.LOT 28/C-1,CROSSROAD HOME C	NEPEAN ON	
СА	WESMAR HOMES LTD.	CARLING AVE.	NEPEAN CITY ON	
СА	OTTAWA CITY	KILLEEN AVE.	OTTAWA CITY ON	
ECA	Gencon Capital Resources Inc.	Lots of 28 and 29, Concession 1	Ottawa ON	K1S 4N2
ECA	Gencon Capital Resources Inc.	Lots of 28 and 29, Concession 1	Ottawa ON	K1S 4N2
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
ECA	City of Ottawa	Carling Ave	Ottawa ON	K2G 6J8
GEN	GVT OF CAN- HEALTH&WELFARE CAN.MED.16-303	SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST.	OTTAWA ON	K1A 0L3
RSC		Pt. Lots 25, 26, 27, Conc 1, Ottawa Front, Former CPR R/W, (Near Richmond R.),	Ottawa ON	
SPL	City of Ottawa	CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE <unofficial></unofficial>	Ottawa ON	
SPL		denied s. 21(1)	Ottawa ON	
SPL	OTTAWA TRANSIT	CARLING AVENUE BUS	OTTAWA ON	
SPL	HOTEL/MOTEL	CARLING AVENUE (N.O.S.)	OTTAWA CITY ON	

SPL	O.C. TRANSPO	ON CARLING AVE. IN BETWEEN PARKDALE & HOLLAND ST. OTTAWA SITE 1500 ST. LAURENT BOULEVARD	OTTAWA CITY ON
SPL	NATIONAL DEFENCE	SHERLY'S BAY (PROPERTY) OFF CARLING AVE. FUEL STORAGE TANK	OTTAWA CITY ON
WWIS		lot 28	ON
WWIS		lot 27	ON
WWIS		lot 28	ON
WWIS		lot 28	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		lot 27	ON
WWIS		con 1	ON
WWIS		con 1	ON
WWIS		con 2	ON
WWIS		con 2	ON
WWIS		con 2	ON

Unplottable Report

Site: L.SIPOLINS SOUTH OF CARLING AVE. OTTAWA CITY ON

7-1008-85-006

Municipal water

3615-6QHRAR

2006 6/13/2006

Approved

85

11/15/85

Approved

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

City of Ottawa Site: Carling Avenue (Road allownce) Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:**

Site: City of Ottawa Killeen Ave Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

4171-7F4KG2 2008 6/2/2008 Municipal and Private Sewage Works Approved

Municipal and Private Sewage Works

Database: CA

Database: CA

<u>Site:</u>	City of Ottawa Carling Ave Ottawa Ol	Database: CA	
Certifica Applica	ate #: tion Year:	2472-8GRQTN 2011	
104	erisinfo.com Env	vironmental Risk Information Services	Order No: 20191210007



Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5/20/2011 Municipal and Private Sewage Works Approved

<u>Site:</u> NORTHERN TELECOM LTD., CARLING CAMPUS CARLING AVENUE (SWM) NEPEAN ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1624-98-98 11/17/1998 Municipal sewage Approved

<u>Site:</u> MOBIUS DEVELOPMENTS LTD. PT.LOT 28/C-1,CROSSROAD HOME C NEPEAN ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0082-98-98 2/23/1998 Municipal sewage Approved

<u>Site:</u> WESMAR HOMES LTD. CARLING AVE. NEPEAN CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1205-88-88 7/18/1988 Municipal sewage Approved Database:

105



Database:

OTTAWA CITY Site: KILLEEN AVE. OTTAWA CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: **Client City:** Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

3-1184-86-86 8/22/1986 Municipal sewage Approved



Database:

ECA

Database:

ECA

Database: **ECA**

Database: CA

Site: Gencon Capital Resources Inc. Lots of 28 and 29, Concession 1 Ottawa ON K1S 4N2

Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:

4564-8NQP8Y **MOE District:** 2011-11-18 City: Revoked and/or Replaced Longitude: FCA Latitude: IDS Geometry X: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Lots of 28 and 29, Concession 1

https://www.accessenvironment.ene.gov.on.ca/instruments/0943-8NAPFR-14.pdf

MOE District:

Longitude:

Geometry X: Geometry Y:

Latitude:

City:

Site: Gencon Capital Resources Inc. Lots of 28 and 29, Concession 1 Ottawa ON K1S 4N2

Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link:

1134-8Q9MGA 2012-01-12 Approved ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Lots of 28 and 29, Concession 1

https://www.accessenvironment.ene.gov.on.ca/instruments/9252-8PRM83-14.pdf

Site: City of Ottawa Carling Ave Ottawa ON K2G 6J8

Approval No:	2472-8GRQTN	MOE District:
Approval Date:	2011-05-20	City:
Status:	Approved	Longitude:
Record Type:	ECA	Latitude:
Link Source:	IDS	Geometry X:
SWP Area Name:		Geometry Y:
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEW	AGE WORKS
Project Type:	MUNICIPAL AND PRIVATE SEWAGE	WORKS
Address:	Carling Ave	
Full Address:		
Full PDF Link:	https://www.accessenvironment.ene.go	v.on.ca/instruments/5823-8GCKK6-14.pdf

Site: City of Ottawa

Database: **ECA**

Carling Ave Ottawa ON K2G 6J8

Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address: Full Address: Full PDF Link: 3723-9ATJC6 2013-08-30 Approved ECA IDS ECA MUI

JC6 MOE District: 30 City: Longitude: Latitude: Geometry X: Geometry Y: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Carling Ave

https://www.accessenvironment.ene.gov.on.ca/instruments/9325-9AMR2C-14.pdf

PO Box No: Country:

Co Admin:

Choice of Contact:

Phone No Admin:

<u>Site:</u> GVT OF CAN-HEALTH&WELFARE CAN.MED.16-303 SER.BR,UNIT#25,RM B-16, CARLING AVE. K.W. NEATBY BLDG., C/O 301 ELGIN ST. OTTAWA ON K1A 0L3

Generator No:ON0095617Status:92,93,94,95,96,97Contam. Facility:92,93,94,95,96,97MHSW Facility:8635SIC Code:8635SIC Description:PUB. HEALTH CLINICS

Detail(s)

Waste Class:312Waste Class Desc:PATHOLOGICAL WASTES

Site:

Pt. Lots 25, 26, 27, Conc 1, Ottawa Front, Former CPR R/W, (Near Richmond R.), Ottawa ON

RSC ID: Cert Date: Cert Prop Use No: RA No: Intended Prop Use: RSC Type: Curr Property Use: Qual Person Name: Ministry District: Stratified (Y/N): Guelph Ν Filing Date: 06/02/99 Audit (Y/N): Ν 06/02/99 Entire Leg Prop. (Y/N): Date Ack: Date Returned: Accuracy Estimate: Generic Telephone: Restoration Type: Soil Type: Fine Fax: Criteria: Ind/comm, potable Email: **CPU Issued Sect** 1686: Asmt Roll No: Prop ID No (PIN): Property Municipal Address: Mailing Address: Latitude & Latitude: UTM Coordinates: Consultant: **Trow Consulting** Filing Owner: Legal Desc: Measurement Method: Applicable Standards: RSC PDF:

Database: SPL

Database:

GEN

Database:

RSC

CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL> Ottawa ON

107

Site:

City of Ottawa

erisinfo.com | Environmental Risk Information Services

Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	Pipe Or Hose Leak 27 COOLANT (N.O.S.)	Sector Type: Agency Involved: Nearest Watercourse: Site Address:	Other
Contaminant Limit 1: Contam Limit Freq 1:		Site District Office: Site Postal Code:	Ottawa
Contaminant UN No 1:		Site Region:	Eastern
Environment Impact: Nature of Impact:	Possible Soil Contamination	Site Municipality: Site Lot:	Ottawa
Receiving Medium:	Land	Site Conc:	
Receiving Env: MOE Response:		Northing: Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt: Dt Document Closed:	4/5/2004	Site Map Datum: SAC Action Class:	Spills
Incident Reason:	Equipment Failure	Source Type:	
Site Name: Site County/District:	CARLING AVE., IN FRONT OF WEST	GATE SHOPPING CENTR	E <unofficial></unofficial>
Site Geo Ref Meth:			
Incident Summary: Contaminant Qty:	OC Transpo,7 L antifreeze into storm s 7 L	sewer,works	

Site:

Database: SPL

Ref No: Site No: Incident Dt: Year:	3017-6BEK8K 4/13/2005	Discharger Report: Material Group: Health/Env Conseq: Client Type:	0 Oil
Incident Cause: Incident Event: Contaminant Code:	Tank (Above Ground) Leak	Sector Type: Agency Involved: Nearest Watercourse:	Other
Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:	FURNACE OIL	Site Address: Site District Office: Site Postal Code: Site Region:	Ottawa
Environment Impact: Nature of Impact: Receiving Medium:	Not Anticipated Soil Contamination Land	Site Region. Site Municipality: Site Lot: Site Conc:	Ottawa
Receiving Env: MOE Response: Dt MOE Arvl on Scn:		Northing: Easting: Site Geo Ref Accu:	
MOE Reported Dt: Dt Document Closed: Incident Reason:	4/13/2005 Equipment Failure	Site Map Datum: SAC Action Class: Source Type:	M.C.B.S Fuel Safety; Spill to Land
Site Name: Site County/District: Site Geo Ref Meth:	denied s. 21(1)		
Incident Summary: Contaminant Qty:	TSSA: furnace oil to soil		

<u>Site:</u> OTTAWA TRANSIT CARLING AVENUE BUS OTTAWA ON

denied s. 21(1) Ottawa ON

Ref No:	187680	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/29/2000	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:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Water course or lake	Site Lot:	

108

Database:

SPL

Receiving Env: MOE Response: Dt MOE Arvl on Scn:	0/00/0000	Northing: Easting: Site Geo Ref Accu:	PUBLIC WORKS, FIRE DEPARTMENT
MOE Reported Dt: Dt Document Closed:	9/29/2000	Site Map Datum: SAC Action Class:	
Incident Reason: Site Name: Site County/District: Site Geo Ref Meth;	UNKNOWN	Source Type:	
Incident Summary: Contaminant Qty:	OC TRANSPO:DIES	EL FUEL LEAK FROM FUEL PUMP/LINE I	INTO SEWER-WORKS NOTIFIED
<u>Site:</u> HOTEL/MOTEL			Database

RKS NOTIFIED

Database:

SPL

Database: SPL

CARLING AVENUE (N.O.S.) OTTAWA CITY ON

WATER

Receiving Medium:

Ref No: 84065 Discharger Report: Material Group: Site No: Incident Dt: 4/14/1993 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: CONFIRMED 20101 Environment Impact: Site Municipality: Nature of Impact: Soil contamination Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: MCCR Dt MOE Arvl on Scn: Site Geo Ref Accu: 4/14/1993 MOE Reported Dt: 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:

EMBASSY WEST HOTEL: FUEL-CONTAMINATED SOIL FOUND BY UNDERGROUND TANK

Site Conc:

Site: O.C. TRANSPO ON CARLING AVE. IN BETWEEN PARKDALE & HOLLAND ST. OTTAWA SITE 1500 ST. LAURENT BOULEVARD OTTAWA CITY ON

Ref No: Site No:	113894	Discharger Report:	
Incident Dt:	6/1/1995	Material Group: Health/Env Conseq:	
Year: Incident Cause:	OTHER CONTAINER LEAK	Client Type: Sector Type:	
Incident Event: Contaminant Code:		Agency Involved: Nearest Watercourse:	
Contaminant Name: Contaminant Limit 1:		Site Address: Site District Office:	
Contam Limit Freq 1: Contaminant UN No 1:		Site Postal Code: Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20101
Nature of Impact: Receiving Medium:	Water course or lake LAND / WATER	Site Lot: Site Conc:	
Receiving Env: MOE Response:		Northing: Easting:	WORKS DEPT.
Dt MOE Arvl on Scn: MOE Reported Dt:	6/1/1995	Site Geo Ref Accu: Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason: Site Name:	EQUIPMENT FAILURE	Source Type:	

Contaminant Qty:

Contaminant Code:

Contaminant Name:

Contaminant Limit 1:

Contam Limit Freq 1:

Environment Impact:

Nature of Impact:

Receiving Env:

MOE Response: Dt MOE Arvl on Scn:

MOE Reported Dt:

Incident Reason:

Contaminant Qty:

Site Name:

Dt Document Closed:

Site County/District: Site Geo Ref Meth: Incident Summary:

Receiving Medium:

Contaminant UN No 1:

POSSIBLE

4/11/2002

UNKNOWN

LAND

Soil contamination

Nearest Watercourse:

Site District Office:

Site Postal Code:

Site Municipality:

Site Geo Ref Accu:

SAC Action Class:

Site Map Datum:

20107

Site Address:

Site Region:

Site Lot:

Site Conc:

Northing: Easting:

<u>Site:</u> NATIONAL SHERLY'S I	DEFENCE BAY (PROPERTY) OFF CARLING AVE. FUE	L STORAGE TANK OTTAWA CITY ON	Database: SPL
Ref No:	223921	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	4/11/2002	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNDERGROUND TANK LEAK	Sector Type:	
Incident Event:		Agency Involved:	

NATIONAL DEFENCE, LEAKING UST, INSTALLED PRE 1980 UNKNOW VOLUME TO GRND

Source Type:

<u>Site:</u> lot 28 ON				Database: WWIS
Well ID:	1526088	Data Entry Status:		
Construction Date:		Data Src:	1	
Primary Water Use:	Domestic	Date Received:	2/4/1992	
Sec. Water Use:		Selected Flag:	Yes	
Final Well Status:	Water Supply	Abandonment Rec:		
Water Type:		Contractor:	3701	
Casing Material:		Form Version:	1	
Audit No:	76366	Owner:		
Tag:		Street Name:		
Construction Method:		County:	OTTAWA-CARLETON	
Elevation (m):		Municipality:	NEPEAN TOWNSHIP	
Elevation Reliability:		Site Info:		
Depth to Bedrock:		Lot:	028	
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:				
Bore Hole Information				

Bore Hole ID: DP2BR:	10047822 101	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	

Cluster Kind: Date Completed: 9/25/1990 Remarks: 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:	931063180
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Other Materials:	SOFT
Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 101 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials:	931063181 2 GREY 15 LIMESTONE 74 LAYERED
<i>Mat3:</i> Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	101 128 ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933111525
Layer:	1
Plug From:	0
Plug To:	4
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10596392
Casing No:	1
Comment:	

111

UTMRC: UTMRC Desc: Location Method:

9 unknown UTM na

Alt Name:

Construction Record - Casing

Casing ID:	930083705
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	128
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930083704
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	101
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991526088
Pump Set At:	
Static Level:	20
Final Level After Pumping:	
Recommended Pump Depth:	100
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:	
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Ν

Draw Down & Recovery

Pump Test Detail ID:	934650839
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934908037
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

|--|

Test Duration:	15
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934389896
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Water Details

Water ID:	933485288
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

1518033

Cooling And A/C

Water Supply

Site:

lot 27 ON

Well ID:
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status:
Water Type:
Casing Material:
Audit No:
Taq:
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:
Clear/Cloudy:

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	10039904 15	
Code OB: Code OB Desc:	r Bedrock	
Open Hole: Cluster Kind:	1/29/1982	
Date Completed: Remarks: Elevrc Desc:	1/29/1962	
Lieve Desc. Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Data Entry Status:	
Data Src:	1
Date Received:	12/13/1982
Selected Flag:	Yes
Abandonment Rec:	
Contractor:	1558
Form Version:	1
Owner:	
Street Name:	
County:	OTTAWA-CARLETON
Municipality:	OTTAWA CITY
Site Info:	
Lot:	027
Concession:	
Concession Name:	
Easting NAD83:	
Northing NAD83:	
Zone:	
UTM Reliability:	

Elevation: Elevrc: Zone:	18
East83: North83:	10
Org CS:	0
UTMRC: UTMRC Desc:	9 unknown UTM
Location Method:	na

Database: WWIS

Formation ID:	931037131
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931037128 1 6 BROWN 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 10 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1:	931037130 3 8 BLACK 17
Most Common Material: Mat2:	SHALE 85
Other Materials: Mat3:	SOFT
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	27
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037129
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material: Mat2: Other Materials: Mat3: Other Materials:	CLAY
Formation Top Depth:	10
Formation End Depth:	15
Formation End Depth UOM:	ft

Method of Construction & Well

<u>Use</u>

Method Construction ID:	
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588474
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930069713
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	100
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

930069712
1
1
STEEL
23
6
inch
ft

Results of Well Yield Testing

Pump Test ID: Pump Set At:	991518033
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	Ν

Draw Down & Recovery

Pump Test Detail ID:	934377689
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103360
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647523
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934896797
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933474659
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97
Water Found Depth UOM:	ft

lot 28 ON

<u>Site:</u>

Well ID: Construction Date:	1526470	Data Entry Status: Data Src:	1
Primary Water Use:	Not Used	Data Src. Date Received:	8/20/1992
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	4006
Casing Material:		Form Version:	1
Audit No:	120779	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	028
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	RF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			
Bore Hole Information			

Bore Hole Information

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

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931064253 1 2 GREY 28 SAND
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 17 ft
i onnation End Depth Oom.	

Overburden and Bedrock Materials Interval

Formation ID:	931064254
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	17
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

064255 EY ND AVEL T

Method of Construction & Well <u>Use</u>

Method Construction ID: Method Construction Code: 1 Method Construction:

Cable Tool

UTMRC Desc: Location Method:

unknown UTM

na

Other Method Construction:

Pipe Information

Pipe ID:	10596746
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930084351
Layer:	3
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	31
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930084350
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	16
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material: Depth From:	930084349 1 4 OPEN HOLE
Depth To:	20 8
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	o inch ft

Construction Record - Screen

Screen ID: Layer:	933326403 1
Slot:	010
Screen Top Depth:	16
Screen End Depth:	31
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	6

Water Details

Water ID:	933485808
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20
Water Found Depth UOM:	ft

Site:

lot 28 ON

1527490

Commerical

Municipal Test Hole

126283

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:

Bore Hole Information

Bore Hole ID: 10049129 DP2BR: Spatial Status: Code OB: 0 Code OB Desc: Overburden **Open Hole:** Cluster Kind: Date Completed: 9/21/1993 Remarks: 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:	931066807
Layer:	1
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	28
Other Materials:	SAND
Mat3:	06
Other Materials:	SILT
Formation Top Depth:	0
Formation End Depth:	17
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931066808
Layer:	2
Color:	2
General Color:	GREY

Data Entry Status:	
Data Src:	1
Date Received:	10/6/1993
Selected Flag:	Yes
Abandonment Rec:	
Contractor:	4006
Form Version:	1
Owner:	
Street Name:	
County:	OTTAWA-CARLETON
Municipality:	NEPEAN TOWNSHIP
Site Info:	
Lot:	028
Concession:	
Concession Name:	RF
Easting NAD83:	
Northing NAD83:	
Zone:	
UTM Reliability:	

Elevation: Elevrc: Zone:	18
East83: North83: Org CS:	
UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na



Mat1: Most Common Material: Mat2: Other Materials: Mat3: Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	28 SAND 06 SILT 11 GRAVEL 17 21 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931066809 3 2 GREY 28 SAND 30 MEDIUM GRAVEL
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	21 35 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	4 Rotary (Air)
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10597699 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930085799 2 1 STEEL 20 8 inch ft

Construction Record - Casing

Casing ID:	930085798
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	25
Casing Diameter:	10
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930085800
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	35
Casing Diameter:	8
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326446
Layer:	1
Slot:	010
Screen Top Depth: Screen End Depth: Screen Material:	16 36
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	8

Water Details

Water ID:	933486964
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	20
Water Found Depth UOM:	ft

con 1 ON

Site:

Database: WWIS

Well ID: Construction Date:	1528250	Data Entry Status: Data Src:	1
Primary Water Use:	Not Used	Date Received:	10/24/1994
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6844
Casing Material:		Form Version:	1
Audit No:	151799	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
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:			
Bore Hole Information			
Dore note information			
Bore Hole ID:	10049789	Elevation:	

Bore Hole ID:	10049789	Elevation:		
DP2BR:		Elevrc:		
Spatial Status:		Zone:	18	
Code OB:	0	East83:		
Code OB Desc:	Overburden	North83:		
Open Hole:		Org CS:		
Cluster Kind:		UTMRC:	9	

121

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Order No: 20191210007

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

Overburden and Bedrock Materials Interval

Supplier Comment:

Formation ID:	931069085
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	11
Other Materials:	GRAVEL
Mat3:	78
Other Materials:	MEDIUM-GRAINED
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931069086
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	10
Formation End Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID: Layer: Plug From: Plug To: Plug Darth UOM:	933113108 1 1 4
Plug Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID: Layer: Plug From:	933113109 2 4
Plug To:	5
Plug Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

 Plug ID:
 933113110

 Layer:
 3

122

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unknown UTM na

Order No: 20191210007

Plug From:	5
Plug To:	10
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10598359
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material:	930087025 1 5
Open Hole or Material: Depth From:	PLASTIC
Depth To:	10
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID: Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material:	933326510 1 100 5 10
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	933487871
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	7
Water Found Depth UOM:	ft

<u>Site:</u>

con 1 ON

Well ID: Construction Date:	1528855	Data Entry Status: Data Src:	1
Primary Water Use:	Domestic	Data Src. Date Received:	2/21/1996
Sec. Water Use:	Domestic	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	105
Water Type:		Contractor:	6629
Casing Material:		Form Version:	1
Audit No:	135092	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON

123

Order No: 20191210007

Database: WWIS Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: . Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:

Bore Hole Information

10050391 Bore Hole ID: DP2BR: 55 Spatial Status: . Code OB: r Code OB Desc: Bedrock **Open Hole:** Cluster Kind: Date Completed: 6/27/1995 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Other Materials: Mat3:	931071019 2 3 BLUE 05 CLAY
Other Materials: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	25 55 ft

Overburden and Bedrock Materials Interval

Formation ID: Layer:	931071018 1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Other Materials:	SANDY
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Elevation:

Elevrc:

East83:

North83: Org CS:

UTMRC:

Zone:

NEPEAN TOWNSHIP

01 RF

18 9 UTMRC Desc: unknown UTM Location Method: na

Formation ID:	931071021
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2: Other Materials:	
Mat3;	
Other Materials:	
Formation Top Depth:	94
Formation End Depth:	103
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
	004074000
Formation ID: Layer:	931071020 3
Color:	2
General Color:	_ GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials: Mat3:	
Other Materials:	
Formation Top Depth:	55
Formation End Depth:	94
Formation End Depth UOM:	ft
Method of Construction & Well	
Method of Construction & Well Use	
<u>Use</u>	
<u>Use</u> Method Construction ID:	4
<u>Use</u>	4 Rotary (Air)
<u>Use</u> Method Construction ID: Method Construction Code:	-
<u>Use</u> Method Construction ID: Method Construction Code: Method Construction:	-
<u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	-
<u>Use</u> Method Construction ID: Method Construction Code: Method Construction:	-
<u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	-
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No:	Rotary (Air)
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment:	Rotary (Air) 10598961
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No:	Rotary (Air) 10598961
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment:	Rotary (Air) 10598961
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment:	Rotary (Air) 10598961
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing	Rotary (Air) 10598961 1
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing Casing ID:	Rotary (Air) 10598961 1 930088072
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing	Rotary (Air) 10598961 1
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing Casing ID: Layer:	Rotary (Air) 10598961 1 930088072 1
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Casing ID: Layer: Material: Open Hole or Material: Depth From:	Rotary (Air) 10598961 1 930088072 1 1 STEEL
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To:	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter:	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58 6
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58 6 inch
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter:	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58 6
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58 6 inch
UseMethod Construction ID: Method Construction Code: Method Construction:Other Method Construction:Pipe InformationPipe ID: Casing No: Comment: Alt Name:Construction Record - CasingCasing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM:	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58 6 inch
Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction: Pipe Information Pipe ID: Casing No: Comment: Alt Name: Construction Record - Casing Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	Rotary (Air) 10598961 1 930088072 1 1 STEEL 58 6 inch

Pump Test ID:	991528855
Pump Set At:	
Static Level:	30
Final Level After Pumping:	65
Recommended Pump Depth:	90
Pumping Rate:	10

Flowing Rate:	
Recommended Pump Rate:	8
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	
Pumping Duration HR:	1
Pumping Duration MIN:	15
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934105744
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934389369
Test Type:	Draw Down
Test Duration:	30
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934907069
Test Type:	Draw Down
Test Duration:	60
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934658544
Test Type:	Draw Down
Test Duration:	45
Test Level:	65
Test Level UOM:	ft

Water Details

Water ID:	933488724
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85
Water Found Depth UOM:	ft

Water Details

Water ID:	933488726
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	103
Water Found Depth UOM:	ft

Water Details

Water I	D:
---------	----

Site:

Well ID:

con 2 ON

Construction Date:

Primary Water Use: Sec. Water Use:

Final Well Status:

Casing Material:

Water Type:

Audit No:

1529331

169510

Commerical

Observation Wells

Data Entry Status:	
Data Src:	1
Date Received:	2/14/1997
Selected Flag:	Yes
Abandonment Rec:	
Contractor:	6844
Form Version:	1
Owner:	
Ctus of Manage	

OTTAWA-CARLETON

Data Entry Status:	
Data Src:	
Date Received:	
Selected Flag:	

County: Municipality:

Site Info: Lot:

Zone:

Street Name:

Concession:

Concession Name: Easting NAD83: Northing NAD83:

UTM Reliability:

Database:

WWIS

NEPEAN TOWNSHIP

02 OF

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	10050867	<i>Elevation:</i> <i>Elevrc:</i> <i>Zone:</i> 18	
Code OB:	0	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC: 9	
Date Completed:	12/18/1996	UTMRC Desc: unk	nown UTM
Remarks:		<i>Location Method:</i> na	
Elevrc Desc: Location Source Date:			

Overburden and Bedrock Materials Interval

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

Formation ID:	931072414
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	02
Other Materials:	TOPSOIL
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID: Layer: Color:	931072415 2 2
General Color:	GREY
Mat1: Most Common Material:	05 CLAY
Mat2:	91
Other Materials:	WATER-BEARING
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	19
Formation End Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114304
Layer:	1
Plug From:	0
Plug To:	5
Plug Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114305
Layer:	2
Plug From:	5
Plug To:	19
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10599437
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material:	930088796 1 5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	19
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Slot: 010	
Layer: 1	
Screen ID: 933326679	

Screen Top Depth:	9
Screen End Depth:	19
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	933489270
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	9
Water Found Depth UOM:	ft

Site:

con 2 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type:	1529332 Commerical Observation Wells	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	1 2/14/1997 Yes 6844
Casing Material: Audit No:	169509	Form Version: Owner: Street Name:	1
Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock:		Street Name: County: Municipality: Site Info: Lot:	OTTAWA-CARLETON NEPEAN TOWNSHIP
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N):		Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	02 OF
Flow Rate: Clear/Cloudy: Bore Hole Information		UTM Reliability:	

Bore Hole ID:	10050868	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/18/1996	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			

Overburden and Bedrock Materials Interval

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

Formation ID:	931072417
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

129

Database: WWIS

Mat2:	91
Other Materials:	WATER-BEARING
Mat3:	
Other Materials:	
Formation Top Depth:	2
Formation End Depth:	15
Formation End Depth UOM:	ft

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931072416
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	02
Other Materials:	TOPSOIL
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114307
Layer:	2
Plug From:	3
Plug To:	15
Plug Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114306
Layer:	1
Plug From:	0
Plug To:	3
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10599438
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930088797
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	

и	0	n	1
	-0	U	١

Depth To:	15
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326680
Layer:	1
Slot:	010
Screen Top Depth:	5
Screen End Depth:	15
Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:	ft inch 2

Water Details

Water ID:	933489271
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	10
Water Found Depth UOM:	ft

<u>Site:</u>

con 2 ON			
Well ID:	1529333	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Commerical	Date Received:	2/14/1997
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6844
Casing Material:		Form Version:	1
Audit No:	169508	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	02
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:		-	

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB:	10050869 o	Elevation: Elevrc: Zone: East83:	18
Code OB Desc: Open Hole: Cluster Kind:	Överburden	North83: Org CS: UTMRC:	9
Date Completed: Remarks: Elevrc Desc: Location Source Date Improvement Location		UTMRC Desc: Location Method:	unknown UTM na

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

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Database: WWIS

Overburden and Bedrock Materials Interval

Formation ID: Layer: Color:	931072419 2 2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	91
Other Materials:	WATER-BEARING
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931072418
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114310
Layer:	3
Plug From:	7
Plug To: Plug Depth UOM:	7 18 ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114308
Layer:	1
Plug From:	0
Plug To:	5
Plug To:	5
Plug Depth UOM:	ft
Plug From: Plug To:	5

Annular Space/Abandonment Sealing Record

Plug ID:	933114309
Layer:	2
Plug From:	5
Plug To:	7
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10599439
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: Layer: Material:	930088798 1 5
Open Hole or Material: Depth From: Depth Te:	PLASTIC
Depth To: Casing Diameter: Casing Diameter UOM:	2 inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326681
Layer:	1
Slot:	010
Screen Top Depth:	8
Screen End Depth:	18
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	933489272
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	15
Water Found Depth UOM:	ft

<u>Site:</u>

lot 27 ON

Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status:	1517372 Water Supply	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	1 11/13/1980 Yes
Water Type: Casing Material: Audit No: Tag:		Contractor: Form Version: Owner: Street Name:	2425 1
Construction Method: Elevation (m): Elevation Reliability:		County: Municipality: Site Info:	OTTAWA-CARLETON NEPEAN TOWNSHIP
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N):		Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	027

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	10039247	Elevation Elevrc: Zone:
Code OB:	0	East83:
Code OB Desc:	Overburden	North83:
Open Hole:		Org CS:
Cluster Kind:		UTMRC:
Date Completed:	10/8/1980	UTMRC D
Remarks:		Location
Elevrc Desc:		
Location Source Date:		
Improvement Location Improvement Location		
Source Revision Comi Supplier Comment:	ment:	

Elevation: Elevrc: Zone: 18 East83: North83: Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: na

UTM Reliability:

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931034946
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034947
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034948
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS

1<u>3</u>4

Mat3:

60
105
ft

Overburden and Bedrock Materials Interval

Formation ID:	931034949
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	105
Formation End Depth:	110
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10587817
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930068695
Layer:	1
Material:	1
Open Hole or Material:	STEFI
Depth From: Depth To:	110
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991517372
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	90
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	20
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	

135 <u>erisinfo.com</u> | I

Pumping Duration MIN: Flowing:

Ν

Water Details

Water ID:	933473825
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

<u>Site:</u>

con 1 ON

Well ID:	1534064	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Not Used	Date Received:	9/9/2003
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Abandoned-Other	Abandonment Rec:	
Water Type:		Contractor:	1119
Casing Material:		Form Version:	1
Audit No:	248010	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
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:		•••••• • •••• • ••• • •••• • •••• • ••••••	
Bore Hole Information			
Bore Hole ID:	10543179	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:	No formation data	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/12/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:	-		
Improvement Location			
Improvement Location			
Source Revision Comn	nent:		
Supplier Comment:			
<u>Method of Construction</u> <u>Use</u>	n & Well		
Method Construction II Method Construction C Method Construction: Other Method Construct	Code: 0 Not Known		
Pipe Information			

136

11091749 1 Database: WWIS

Comment: Alt Name:

Site:

Construction Date:	1532635	Data Entry Status:		
Jonsa acaon Date.	Construction Date:		1	
Primary Water Use:	Domestic	Date Received:	1/17/2002	
Sec. Water Use:		Selected Flag:	Yes	
Final Well Status:	Abandoned-Quality	Abandonment Rec:		
Water Type:		Contractor:	4006	
Casing Material: Audit No: 235219		Form Version:	1	
		Owner:		
Tag: Construction Mother	(-	Street Name:	OTTAWA-CARLETON	
Construction Method		County: Municipality:	NEPEAN TOWNSHIP	
Elevation (m): Elevation Reliability:		Site Info:		
Depth to Bedrock:		Lot:		
Well Depth:		Concession:	01	
Overburden/Bedrock	:	Concession Name:	OF	
Pump Rate:	'	Easting NAD83:		
Static Water Level:		Northing NAD83:		
Flowing (Y/N):		Zone:		
Flow Rate:		UTM Reliability:		
Clear/Cloudy:				
Bore Hole Informatio	<u>n</u>			
Bore Hole ID:	10523764	Elevation:		
DP2BR:		Elevrc:		
Spatial Status:		Zone:	18	
Code OB:	_	East83:		
Code OB Desc:	No formation data	North83:		
Open Hole:		Org CS:	0	
Cluster Kind:	10/5/2001	UTMRC:	9 unknown UTM	
Date Completed:	12/5/2001	UTMRC Desc:		
Remarks: Elevrc Desc:		Location Method:	na	
Location Source Date	.			
Improvement Locatio				
Improvement Locatio				
Source Revision Con				
Supplier Comment:	iment.			
Method of Construct	on & Well			
<u>Use</u>	15			
<u>Use</u> Method Construction				
<u>Use</u> Method Construction Method Construction	Code: B			
<u>Use</u> Method Construction Method Construction Method Construction	Code: B : Other Met			
<u>Use</u> Method Construction Method Construction Method Construction	Code: B : Other Met			
<u>Use</u> Method Construction Method Construction Method Construction Other Method Constr	Code: B : Other Met			
<u>Use</u> Method Construction Method Construction Method Construction Other Method Constr Pipe Information	Code: B : Other Met uction:			
<u>Use</u> Method Construction Method Construction Method Construction Other Method Constr Pipe Information Pipe ID:	Code: B : Other Met			
<u>Use</u> Method Construction Method Construction Other Method Constr <u>Pipe Information</u> Pipe ID: Casing No:	Code: B : Other Met uction: 11072334			
<u>Use</u> Method Construction Method Construction Method Construction Other Method Constr Pipe Information	Code: B : Other Met uction: 11072334			

<u>Site:</u> con 2 ON				Database: WWIS
Well ID:	1529562	Data Entry Status:	4	
Construction Date: Primary Water Use:	Commerical	Data Src: Date Received:	8/12/1997	
•				

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:

Bore Hole Information

Observation Wells

169530

Selected Flag:	Yes
Abandonment Rec: Contractor: Form Version:	6844 1
Owner:	I
Street Name: County:	OTTAWA-CARLETON
Municipality: Site Info:	NEPEAN TOWNSHIP
Lot: Concession:	02
Concession Name:	OF
Easting NAD83: Northing NAD83:	
Zone:	

UTM Reliability:

Bore Hole ID: DP2BR: Spatial Status:	10051097	<i>Elevation: Elevrc: Zone:</i>	18
Code OB:	0	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	2/4/1997	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date): 		
Improvement Locatio	n Source:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931073142
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	34
Most Common Material:	TILL
Mat2:	81
Other Materials:	SANDY
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931073143
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	5

Formation End Depth: Formation End Depth UOM:	10 ft
Annular Space/Abandonment Sealing Record	
Plug ID:	933114578
Layer:	1
Plug From: Plug To:	0 1
Plug Depth UOM:	ft
Annular Space/Abandonment Sealing Record	
Plug ID:	933114579
Layer:	2
Plug From: Plug To:	1 3
Plug Depth UOM:	ft
Annular Space/Abandonment	
Sealing Record	
Plug ID:	933114580
Layer:	3
Plug From:	3 10
Plug To: Plug Depth UOM:	ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	6 Boring
Pipe Information	
Pipe ID:	10599667
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID:	930089192
Layer: Material:	1 5
Material: Open Hole or Material:	5 PLASTIC
Depth From:	
Depth To:	10
Casing Diameter:	1 inch
Casing Diameter UOM: Casing Depth UOM:	inch ft
Construction Record - Screen	
<u>Construction Record - Screen</u> Screen ID:	933326721
Screen ID: Layer:	1

139

Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Water Details

Water ID:	933489564
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	8
Water Found Depth UOM:	ft

ft inch 1

Site:

con 2 ON

Well ID: Construction Date:	1529561	Data Entry Status: Data Src:	1
			1
Primary Water Use:	Commerical	Date Received:	8/12/1997
Sec. Water Use:	Municipal	Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	6844
Casing Material:		Form Version:	1
Audit No:	169526	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	02
Overburden/Bedrock:		Concession Name:	OF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:		- -	

Bore Hole Information

Bore Hole ID: DP2BR:	10051096	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:	0	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	2/5/1997	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

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

Formation ID:	931073140
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Other Materials:	SANDY

140

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Database: WWIS

Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931073141
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	15
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114577
Layer:	3
Plug From:	4
Plug To:	15
Plug Depth UOM:	ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933114576
Layer:	2
Plug From:	2
Plug To:	4
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933114575
Layer:	1
Plug From:	0
Plug To:	2
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	
Casing No:	
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930089191
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	15
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	933326720
Layer:	1
Slot:	010
Screen Top Depth:	5
Screen End Depth:	15
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	2

Water Details

Water ID:	933489563
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	8
Water Found Depth UOM:	ft

con 2 ON

Site:

Database: 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:	1529560 Commerical Observation Wells 169523	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 8/12/1997 Yes 6844 1 OTTAWA-CARLETON NEPEAN TOWNSHIP 02 OF
Bore Hole Information			
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10051095 o Overburden	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9

142

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Order No: 20191210007

Date Completed: 3/6/1997 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931073139
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931073138
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Other Materials:	SANDY
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID:	933114574
Layer:	3
Plug From:	5
Plug To:	12
Plug Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

Plug ID: Layer:	933114572 1
Plug From: Plug To:	0
Plug Depth UOM:	ft

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

 Plug ID:
 933114573

 Layer:
 2

143

unknown UTM na

Plug From:	3
Plug To:	5
Plug Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10599665
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930089190
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	
Depth To:	12
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen Material: Screen Depth UOM: ft Screen Diameter UOM: inch	Screen ID: Layer: Slot: Screen Top Depth: Screen End Depth:	933326719 1 010 8 13
	Screen Depth UOM:	

Water Details

Water ID:	933489562
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	8
Water Found Depth UOM:	ft

Order No: 20191210007

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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: AAGR The MAAP Program maintains a database of abandoned pits and guarries. 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*

Provincial Aggregate Inventory: 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 2019

Provincial Abandoned Mine Information System: 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:

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:

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: 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-Jul 31, 2019

Borehole: 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

ANDR

AST

Provincial

Private

Private

Provincial

Provincial

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Certificates of Approval:

Dry Cleaning Facilities: List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

Chemical Register:

Commercial Fuel Oil Tanks:

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.

Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of

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).

Government Publication Date: Feb 28, 2017

Government Publication Date: 1985-Oct 30, 2011*

Government Publication Date: Jan 2004-Dec 2017

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-Jul 31, 2019

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.

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

Government Publication Date: Dec 2012 - Nov 2019

Inventory of Coal Gasification Plants and Coal Tar Sites:

Please refer to those individual databases for any information after Oct.31, 2011.

tetrachloroethylene to the environment from dry cleaning facilities.

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-Sep 2019

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, 2019

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 2019

Certificates of Property Use:

Drill Hole Database:

146

CHEM

COAL

CPU

DRI

Provincial

Provincial

Provincial

Provincial

Federal

Provincial

Private

CA

CDRY

CFOT

Order No: 20191210007

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-Nov 30, 2019

Environmental Registry: 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, 2019

Environmental Activity and Sector Registry:

Environmental Compliance Approval:

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-Nov 30, 2019

Environmental Effects Monitoring: 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*

Profile" page.

ERIS Historical Searches: ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location,

Government Publication Date: 1999-Oct 31, 2019

Environmental Issues Inventory System:

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*

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

Emergency Management Historical Event:

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:

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

Government Publication Date: Jan 1. 2011 - Dec 31. 2018

Provincial

EASR

FCA

EHS

FIIS

EMHE

EPAR

Provincial

Provincial

Federal

Private

Federal

Provincial

Provincial

List of Expired Fuels Safety Facilities:

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.

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

Government Publication Date: Feb 28, 2017

Federal Convictions:

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:

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Government Publication Date: Jun 2000-Aug 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): FED TANKS 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

Fisheries & Oceans Fuel Tanks:

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation. Government Publication Date: 1964-Sep 2018

Fuel Storage Tank: 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

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage

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: Feb 28, 2017

Fuel Storage Tank - Historic:

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:

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, 2019

148

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

EXP

FCON

FCS

FOFT

FST

FSTH

GEN

Provincial

Federal

Federal

Federal

Provincial

Federal

Provincial

Provincial

Order No: 20191210007

NATE

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 2017

Greenhouse Gas Emissions from Large Facilities:

TSSA Historic Incidents:

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: 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:

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 in 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: Feb 28, 2017

Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status. Government Publication Date: Feb 28, 2019

Private Canadian Mine Locations: MINF 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:

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 2019

National Analysis of Trends in Emergencies System (NATES):

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*

Provincial

Federal

Provincial

Provincial

Provincial

Federal

Federal

INC

GHG

HINC

LIMO

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Non-Compliance Reports:

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.

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks:

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

National Defence & Canadian Forces Waste Disposal Sites:

prohibited any release of this database.

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

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*

Federal National Energy Board Pipeline Incidents: **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.

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

Government Publication Date: 2008-Jun 30, 2019

National Energy Board Wells:

date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): 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:

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.

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

Provincial

Federal The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

Federal

Federal

NDWD

NCPL

NDFT

NDSP

NEBP

Federal

Federal

Federal

Federal

NPRI

NPCB

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Order No: 20191210007

OGWE

Private

Provincial

Provincial

Provincial

Private

Federal

is updated on a monthly basis. More information is available at www.nickles.com. Government Publication Date: 1988-Aug 31, 2019

geology/stratigraphy table information, plus all water table information is also provide for each well record.

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

Ontario Oil and Gas Wells:

Government Publication Date: 1800-Jun 2019

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

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, 2019

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.

Parks Canada Fuel Storage Tanks:

Pesticide Register: Provincial PES The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

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.

Private and Retail Fuel Storage Tanks:

Permit to Take Water:

151

Authority (TSSA). Government Publication Date: 1989-1996*

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, 2019

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

Oil and Gas Wells:

Inventory of PCB Storage Sites:

Orders:

Canadian Pulp and Paper:

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

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*

Government Publication Date: 1988-Nov 2019

Government Publication Date: Feb 28, 2017

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

Provincial

ORD

PAP

Provincial

PTTW

PRT

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

OOGW

OPCB

PCFT

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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

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 2019

Retail Fuel Storage Tanks:

or propane storage tanks.

Ontario Spills:

Record of Site Condition:

Scott's Manufacturing Directory:

Government Publication Date: 1999-Jul 31, 2019

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*

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-Jun 2019

Wastewater Discharger Registration Database: 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).

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*

Anderson's Storage Tanks:

Government Publication Date: 1990-Dec 31, 2017

Transport Canada Fuel Storage Tanks:

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 2018

152

Ontario Regulation 347 Waste Receivers Summary:

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

Provincial

Provincial

Private

Federal

Private

Private

Provincial

Provincial

RFC

RSC

RST

SCT

SPL

TANK

TCFT

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153

Variances for Abandonment of Underground Storage Tanks:

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory:

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-Nov 30, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

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: Feb 28, 2019

Provincial

Provincial

Provincial

WWIS

VAR

WDS

WDSH

Provincial

Order No: 20191210007

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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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.

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Date Completed	t Well (excludin	g pump)	••••••	•••••	
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Pipe and Casing Record	1				
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Length(s) of casing(s) 2244	Static level Pumping level		. NA		
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Is well a gravel-wall type?	Distance from	cylinder or	bowls to ground	level	• • • • • • • • • • •
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How far is well from possible source of contamination?.		•••••	·	,,,,,,, _	
What is the source of contamination?		• • • • • • • • • • •	•		
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Situation: Is well on opland, in valley, or on hillside?					•••••
Drilling Firm.	• *• • • • • • • • • • • • • •	• • • • • • • • • •			
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	ater Record				
Kind (fresh or mineral)	••••••••••••		Depth(s) to Water	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.).	.	• • • • • • • •	Horizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)	?	• • • • • • • • •	33	freed	24
For what purpose(s) is the water to be used?		• • • • • • • • •			
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Drilling Firm			••••••••••••••••	••••••	•••••
Address			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
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Date	•••••	. Licence	Number	9. 111 ····	• • • • • • • • • •
FORM 5		•	Signature	of Licensee	• • • • • • • • •
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2.5 Department of Mi	nes, Provinc	e of Ontai	_		
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		r City)			
Date Completed 2 July			annie	. Og.	
Pipe and Casing Record		P	umping Test		
Length (s) of casing (s) 2.0 1 Type of screen 1 Length of screen 1 Distance from top of screen to ground level 1	Static level Pumping leve Pumping rate Duration of t	est/.		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	ter Record				<u></u>
Kind (fresh or mineral)			. Depth(s) to Water	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.). Man Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be used? How far is well from possible source of contamination?	mestu 5.0'.,		. Horizon(s)	freek	100 fet
What is the source of contamination? Myptue Enclose a copy of any mineral analysis that has been mad		k	•	-	
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Form 5		• •	Signature	of Licensee	
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Basin Not Reliable The We	ll Drillers A	let			
2.5 Department of Mi	nes, Provin	ce of Onta	ario		
Water W	ell	Rec	ord		
P	p, Vill	ige, Town	or City	tawa	
	Town o	or City)	or City	week 1	Tike
Date Completed S Quagual. 1953. Cost of V (day) (month) (year)	Well (excludin	ng pump).			····
Pipe and Casing Record	•		Pumping Test		
Length (s) of casing (s) 2.0.	Pumping leve Pumping rate	120 	fert.	•••••	· · · · · · · · · · · · · · · · · · ·
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	ter Record	· · · · · · · · · · · · · · · · · · ·			
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Quality (hard, soft, contains iron, sulphur, etc.)	v		··	hish	571
For what purpose(s) is the water to be used?	nestic	• • • • • • • • • •	. 95		
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Situation: Is well on upland, in valley, or on hillside? Drilling Firm	yan St.	. Address .			M.
Form 5			Signature o	f Licensee	••••••••••••••••••••••••••••••••••••••
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2.5 Department of Min	es, Provin	ice of Ontari	io		
Water W	ell	Reco	ord		
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Date Completed	ell (excludi	ng pump)	· · · · · · · · · · · · · · · · · · ·		
Pipe and Casing Record			imping Test		
	ate atic level.	2v L	rec 31.	.53	
Type of screen	imping leve	1 7	•		
Length of screen	imping rate				
			bowls to ground		
Wate	r Record			<u> </u>	<u></u>
Kind (fresh or mineral)			Depth(s)	Kind of	No. of Feet
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Situation: Is well on upland, in valley, or on hillside?	Com	Tructe	m htel.	•••••	· · · · · · · · · · · · ·
Drilling Firm. Address.	lon S	L.		~~ <i>/</i> ~~~~~~~	
Name of Driller. Maise Kenaud. Date		Address	Q. /	earen	
FORM 5			Signature of	Licensee	

Basin 1215 Department of 1	Vell I Mines		ce of Ont	_	BRANCH	8151
Water V	Ve				then	
				ar City. Otto		
Date Completed	of Well	l (excludin		<u></u>		· · · · · · · · · · · ·
Pipe and Casing Record	_		-	Pumping Test		
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Kind (fresh or mineral)		tryst		Depth(s) to Water	Kind of Water	No. of Feet Water Rises
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Appearance (clear, cloudy, coloured)	G.C.	ar			Mesh	1 <u>30</u>
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What is the source of contamination?	al.	Lan	k		-	
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Situation: Is well on upland, in valley, or on hillside?	A	Asco	<u>L</u> e			
Drilling Firm	• • • • • •			· · . · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • •	• • • • • • • • • • • •
Address.	• • • • • •			. .	· • • • • • • • • • • • • • • • • • • •	
Name of Driller.				Number 42		
Date			Licence		his	
Forty 5			ć	Signature	of Licensee	· · · · · · · · · · · · · · · · · · ·
Form 5						
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Date Completed		· · · · · · · · · · · · · · · · · · ·		
Pipe and Casing Record		Pumping Test		
	Date			
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Length of screen	jumping rate	w.y.p.K.		
	Duration of test			
	Distance from cylinde	r or bowls to ground	level	•••••
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What is the source of contamination? Enclose a copy of any mineral analysis that has been mad				
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			tion of Well	
Overburden and Bedrock Record	From To			•
Overburden and Bedrock Record	From To 0 ft. /40ft.	In diagram b	elow show dist ad and lot li	
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		In diagram b well from ro	ad and lot li	
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himstone to 175	0 ft. 140t.	In diagram b well from ro	ad and lot li	
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himstone to 175	0 ft. 140t.	In diagram b well from ro	ad and lot li	
himstone to 175	0 ft. 140t.	In diagram b well from ro	ad and lot li	
Previously drilled Limestorre	0 ft. /40 t. . 0 /40 . 0 /40 . 40 /75 	In diagram b well from ro dicate north	ad and lot lin by arrow.	ne. In-
Situation: Is well on upland, in valley, or on hillside?.	0 ft. 140t. 0 ft. 140 0 140 140 175 0 140 140 175 0 140 140 140 140 140 140 140 140	In diagram b well from ro dicate north Carle 23	ad and lot lin by arrow.	ne. In-
Situation: Is well on upland, in valley, or on hillside?.	0 ft. 140t. 0 ft. 140 0 140 140 175 0 140 140 175 0 140 140 140 140 140 140 140 140	In diagram b well from ro dicate north Carle 23	ad and lot lin by arrow.	ne. In-
Situation: Is well on upland, in valley, or on hillside?.	0 ft. 140t.	In diagram b well from ro dicate north	ad and lot lin by arrow.	ne. In-
Situation: Is well on upland, in valley, or on hillside?. So	0 ft. 140t.	In diagram b well from ro dicate north	ad and lot lin by arrow.	ne. In-
Situation: Is well on upland, in valley, or on hillside? Address	0 ft. 140t.	In diagram b well from ro dicate north	ad and lot lin by arrow.	ne. In-

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Well ID

Well ID Number: 1508231 Well Audit Number: Well Tag Number:

This table contains information from the original well record and any subsequent updates.

Well Location

Address of Well Location	
Township	OTTAWA CITY
Lot	
Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 440125.70 Northing: 5024602.00
Municipal Plan and Sublot Number	
Other	

Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
	LOAM			0 ft	10 ft
	GRVL			10 ft	13 ft
	LMSN			13 ft	60 ft

Annular Space/Abandonment Sealing Record

Method of Construction & Well Use

Method of Construction Well Use

Cable Tool

Domestic

Status of Well

Water Supply

Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
5 inch	STEEL		14 ft
5 inch	OPEN HOLE		60 ft

Construction Record - Screen

Outside Diameter Material Depth Depth From To

Well Contractor and Well Technician Information

Well Contractor's Licence Number: 3725

Results of Well Yield Testing

After test of well yield, water was	CLEAR
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	30 GPM
Duration of Pumping	0 h:30 m
Final water level	35 ft
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	PUMP
Disinfected?	

Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL	13 ft		
1		1	
2		2	
3		3	
4		4	
5		5	
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45		45	
50		50	
60		60	

Water Details

Water Found at DepthKind50 ftFresh

Hole Diameter

Depth Depth From To Diameter

Audit Number:

Date Well Completed: June 14, 1950

Date Well Record Received by MOE: October 25, 1950

Updated: October 29, 2019

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Elev. $9R$ 0260	ONTARIO	i	IUL 28 1952 Logical brance		Λ
	Well Drillers Mines, Provi	ACL DEPA	RTMENT of MINC	S	
Water V	Well	Rec	ord		
County or Territorial District Sentina	_				
County or Territorial District () MANNA			Apillean		
Date completed.	• • • •	2.60	Sathin	·	
(day) (month) (year) Pipe and Casing Record			Pumping Test	•	······
Casing diameter (s) H. inches	Date. Trus.	14. 1	une		
Length(s) of casing(s)	. Static level.		2. ft		•••••
Type of screen.	Pumping lev	el	8		• • • • • • • • • •
Length of screen	Pumping rat	e6.	Q. gal h	t.:.	• • • • • • • • • •
Is well a gravel-wall type?	Distance from	n cylinder (or bowls to ground		••••
	Vater Record				
Kind (fresh or mineral)Quality (hard, soft, contains iron, sulphur, etc.)		••••••	Depth(s) to Water	Kind of Water	No. of Feet Water Rises
Appearance (clear, cloudy, coloured)					11.0 1.
For what purpose(s) is the water to be used?				fresh_	-the ft.
			•••		
How far is well from possible source of contamination?		T	•••	····	
What is the source of contamination? Enclose a copy of any mineral analysis that has been ma		••••••••	••	,,,,,,	·
Weil Log			••		
Overburden and Bedrock Record	From	To	Loca	tion of Well	¢.
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Situation: Is well on upland, in valley, or on hillside?	apt	and.	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
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Name of Driller.		. Address . Licence N		X. 0. 1. D.	1
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Date Completed	f Well (exclud	ing pump)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Pipe and Casing Record		Pu	mping Test		
Casing diameter (s) 6	Date				
Length(s) of casing(s)	Static level. Pumping lev	el		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · ·
Length of screen	Pumping rat	e	300 9 00	ir 	
Distance from top of screen to ground level. Y Is well a gravel-wall type?					
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<u> </u>	ater Record	1		1	
Kind (fresh or mineral)	un l		Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Appearance (clear, cloudy, coloured)		· ·	6.4-	hard	1.8
For what purpose(s) is the water to be used?			80		
How far is well from possible source of contamination?			and	·	
What is the source of contamination?		1	Purtheir	on	
Enclose a copy of any mineral analysis that has been ma	de of water				
Well Log) =		Loc	ation of Well	~
Overburden and Bedrock Record	From 0 ft.	To ft.		below show dista	man of
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Situation: Is well on upland, in valley, or on hillside?	h	ill	`		
Drilling Firm. Stord. M. ullig	ay	···· Q····	••••••••••••••••••••••••••••••••••••••	••••••	• • • • • • • • • •
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Date Completed	s/ Cost of Well (exclu				
(day) (month) (year)		ang pump)	· • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • • • • • •
Pipe and Casing Record	3	P	umping Test		
Casing diameter (s)	" Date 2/	JUNE 54			
Length (s) of casing (s)	/ Static Jevel		•••••		
Type of screen.		vel. 25'	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · ·
Length of screen			R.H.		
Distance from top of screen to ground level			R		
Is well a gravel-wall type?	Distance fr	om cylinder or	bowls to ground	level	• • • • • • • • • •
	Water Record	1			
Kind (fresh or mineral)		FRASH	Depth(s)	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)			to Water Horizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)			9.	Goo D	50
For what purpose(s) is the water to be used?			13.7	<u> </u>	125
How far is well from possible source of contamination	on?	401			
What is the source of contamination?		/			
Enclose a copy of any mineral analysis that has bee	en made of water.	• • • • • • • • • • • • • • • • • • • •			
Well Log			Loca	tion of Well	
Overburden and Bedrock Record	$\frac{\text{From}}{(1/\Delta)} = 0 \text{ ft.}$	To 6ft.			
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Situation: Is well on upland, in valley, or on hillsi	de?N.P.KAN.C				••••
Situation: Is well on upland, in valley, or on hills Drilling Firm. $DOAAN > MOAONOR ON GHNEY$	<i></i>			•••••	•••••
Address					
Name of Driller. F_1 . F_2 . F_2 .	•••••••••••••••••••••••••••••••••••••••				
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Depart	ment of Mines	s, Provin	e of On	tario		
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Date Completed 2/ JUNE		l (excludi	ng pump)	• • • • • • • • • • • •	
Pipe and Casing Record				Pumping Test		
Casing diameter (s)	Dat	e				• • • • • • • • • •
ength(s) of casing(s)	9 Stat	tic level	10'		•••••	
JP	1	nping leve	14.4. .3.5	р. <u>G. Р.</u> А.		
Length of screen		nping rate		104.R	•••••	
s well a gravel-wall type?				r or bowls to ground		
		Record				<u></u>
Kind (fresh or mineral)			CRESH	Depth(s)	Kind of	No. of Fee
uality (hard, soft, contains iron, sulphur, etc	· · · · · · · · · · · · · · · · · · ·		HARI	Depth(s) to Water) Horizon(s)	Water	Water Rise
ppearance (clear, cloudy, coloured)			.C.KEA	K YO	(-Jop	45
for what purpose(s) is the water to be used?.	•••••		HOUSI	5 12 5-	"(100
				140		130
How far is well from possible source of contar	nination?		40 Fotu			
What is the source of contamination? Enclose a copy of any mineral analysis that h	 as been made of	water	кр <i>и</i>			
Well Log						
Overburden and Bedrock Record		From	To	Loc	ation of Wel	1
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Situation: Is well on upland, in valley, or o	n hillside?		-			
Drilling Firm DOLAN - MOLOUGAN	k /		-			-
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Drilling Firm. POLAN - MOLOUGAN Address246BREEZE HIL Name of Driller. F. E.KE.V.R.Y. Date	£7		Addre	ss e Number		
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Pipe and Casin	-		4	Pumping Test		
Casing diameter(s)	•••••		Static level	1		
Length(s) $\dots /// $			Pumping rate	op <u>GPH</u>	•••••	
Type of screen			Pumping level	0. //R		
Length of screen			Duration of test!	'AOUR		
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)	
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For what purpose(s) is the water			I	location of Well	A wa	
Is water clear or cloudy?			In diagram below show distances of well from			
Is well on upland, in valley, or on	1	and	road and lot lin	ne. Indicate north	by arrow.	
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Drilling firm The high	Nu			1	R	
Address 6.5 Router	Tol.			3000		
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Name of Driller						
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statements of fact	are true.				·	
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Pipe and Casing Record				-	ng Test		
Casing diameter (s)	Da	te. 2.4.	.11/	5.0			• • • • • • • • • • • •
Length (s) of casing (s).	. Sta	itic level.	/	2 <i>F</i> .F.F.	.Τ	• • • • • • • • • • • • • • •	••••
Type of screen	Pu Pu	mping lev mping rat	el⊊.§ ⊳ 55	0 G PH		• • • • • • • • • • • • • • • •	
Distance from top of screen to ground level							
Is well a gravel-wall type?							
	Water	Record			. :	· · · · · · · · · · · · · · · · · · ·	
Kind (fresh or mineral)			FRES		epth(s)	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)					Water rizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)					70	GOOD	1)
For what purpose(s) is the water to be used?		• •	use.Hol		20	·	30
How far is well from possible source of contamination?.			50 FEE	T	25		100 1282
What is the source of contamination?					4	-	1202
Enclose a copy of any mineral analysis that has been m	ade of	water	•••••				_
Overburden and Bedrock Record		E			Loc	ation of Well	
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Situation: Is well on upland, in valley, or on hillside?.		KAND.	•••••				
Address. 185 James St. Name of Driller. N	m.	10.00-	<u></u>	•••••	••••••	•••••	•••••
Name of Driller MA. D. MOLODSHNEV	· · · · ·	una		• • • • • • • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • •	
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Pipe and Casing Record		<u> </u>	ımping Test		
Casing diameter(s)	Date	Alec. 1	1	50	• • • • • • • • • •
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Type of screen. Length of screen.	Pumping rat	e	10 G. l	P.H.	· · · · · · · · · · ·
Distance from top of screen to ground level	Duration of	test	Э. М. І .М.	•••••	
Is well a gravel-wall type?		n cylinder or	bowls to ground	l level	• • • • • • • • • •
	ater Record	<u>_</u>		· · · · · · · · · · · · · · · · · · ·	
Kind (fresh or mineral)		• • • • • • • • • • • • • •	Depth(s) to Water	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulphur, etc.)		•••••	Horizon(s)	97	80.
For what purpose(s) is the water to be used?		/		Soon -	-87
How far is well from possible source of contamination?	65 Eng	<u> </u>		·····	
What is the source of contamination?					
Enclose a copy of any mineral analysis that has been made					
Well Log Overburden and Bedrock Record	E		Loca	tion of Well	$\overline{\mathcal{V}}$
	From 0 ft.	To 		elow show dista	nces of
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Situation: Is well on upland, in valley, or on hillside?		land	<u></u>		
Drilling Firm. A. A. C. Malanga			••••••••••	••••••	
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	or wen (excluding pump).		ages. S.	* * * * * * * * * * *
(day) (month) (year)				
Pipe and Casing Record		Pumping Test		
Casing diameter (s)	Date			••••
Length(s) of casing(s)	Static level 8. feet	• • • • • • • • • • • • • • • •	• • • • • • • • • • • • •	•••••
Type of screen	Pumping level. P. fut		•••••••••	•••••
Length of screen	Pumping rate 3.9	gale	• • • • • • • • • • • • • • • •	• • • • • • • • • • •
Distance from top of screen to ground level Is well a gravel-wall type?				
		or dowls to groun		•••••
	Water Record			
Kind (fresh or mineral)		. Depth(s) to Water	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)	7 •	. Horizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)			fresh	48 Leit
For what purpose(s) is the water to be used?		·F	/	
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 m		t		
Well Log	1			
Overburden and Bedrock Record	From To	Loc	ation of Well	
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Situation: Is well on upland, in valley, or on hillside?	level	• • • • • • • • • • • • • • • •	•••••	••••••
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		own d	or City).	MAP	EC.	EST.	
Date Completed M. H	of Well	excludi	ng pump)	AM.BRI 2.	D.F.E. 60. °		/. <i>7.1</i> .19,19, <i>1</i> +
Pipe and Casing Record		, · · · ·		Pumping	-		
Casing diameter (s)	. Pump . Pump . Durat	ing leve ing rate tion of t	el	60 G	PI+		· · · · · · · · · · · · · · · · · · ·
	Water R	lecord					
Kind (fresh or mineral) Quality (hard, soft, contains iron, sulphur, etc.)	h.	L			pth(s) Water izon(s)	Kind of Water	No. of Feet Water Rises
Appearance (clear, cloudy, coloured)			······································	· · · · · · · ·	60'	fuch.	20' 90'
How far is well from possible source of contamination?. What is the source of contamination?	pac	(A	nk uil	· · · · · · · · · · · · · · · · · · ·			
Well Log Overburden and Bedrock Record]	From			Loc	ation of Well	<u>n</u> v
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Situation: Is well on upland, in valley, or on hillside? Drilling Firm. Blair Philly Address. Name of Driller. M: SZTEPA Date. I. J. M. J. S.ZTEPA FORM 5		Ľ.	Lunov Address	5431 Number.	J- J- M-J- gnature	9.4. Jeja Licensee	·····
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Wate	r V	Vell	Rec	ord		
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Date Completed/.D	Cost of	f Well (exclud		•••••		
Pipe and Casing Record]	Pumping Test		······
Casing diameter(s)		Date	1.0. 7	nay SY		••••
Length(s) of casing(s). $\lambda Q'$		Static level.		· · · · · · · · · · · · · · · · · · ·		• • • • • • • • • • • •
Type of screen	f	Pumping lev Pumping rat	el 30	5-9-H	• • • • • • • • • • • • • • • •	•••••
Distance from top of screen to ground level				nin		
Is well a gravel-wall type?		Distance from	n cylinder o	r bowls to ground	d level	•••••
	W	ater Record				
Kind (fresh or mineral) Quality (hard, soft, contains iron, sulphur, etc.)		hard		. Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Appearance (clear, cloudy, coloured)		$\boldsymbol{\rho}$		115-138	heat	1 30
For what purpose(s) is the water to be used?		Bure-	•••••	·	/	
How far is well from possible source of contamin	nation?	40'	••••	•		
What is the source of contamination?	se	pte Bee	L			
Enclose a copy of any mineral analysis that has	been mad	le of water	••••	•		
Well Log Overburden and Bedrock Record		From	To	Loc	ation of Wel	1
		0 ft.		In diagram l	pelow show dis	tances of
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Situation: Is well on upland, in valley, or on h	رس ?illside	fills	de	•••••••	•••••	•••••
Drilling Firm Address			•••••	• • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • •
Name of Driller		· · · · · · · · · · · · · · · · · · ·	. Address	• • • • • • • • • • • • • • • • • • •	•••••••••••••	
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Owner CAIN & SONS	Dec. 1055		.Address	luge st., Utta	ेल
Date completed	(month)	(year)			
Pipe and (Casing Record			Pumping Test	
Casing diameter(s)	5"		Static level12'		
Length(s)			Pumping rate		
Type of screen			Pumping level15.		
Length of screen			Duration of test	/1 Hour	
		<u> </u>		······	
Well	Log			Water Record	
Overburden and Bedrock Recor	d From	То	Depth(s) at which water(s)	No. of feet water rises	Kind of water (fresh, salty,
	ft.	ft. 18'	found 45'	Se'	or sulphur) clear
clay limestone	18'	1261	*1 e2		
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For what purpose(s) is the	water to be used?	ł	Ta	ation of Well	13×-
domestic			In diagram below		well from
Is water clear or cloudy?			road and lot line		
Is well on upland, in valley,	outd		Earl	ing a	lve
Drilling firmBlair P				0	
Address 1119 F					4
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Pipe and Casing Record			P	umping Test		<u></u>
Casing diameter (s)		Date	*	1950		· · · · · · · · · · · · · · · · · · ·
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Length (s) of casing (s)		Pumping lev	el!4	R.	· · · · · · · · · · · · · · · · · · ·	^ت ر با
Length of screen		Pumping rat	.e	gal per	·	
Distance from top of screen to ground	level	Duration of	test	. hr.		
Is well a gravel-wall type?	· · · · · · · · · · · · · · · · · · ·	Distance fro	m cylinder or	bowls to ground	1 level	· • • • • • • • • • • • • • • • • • • •
	W	ater Record		-		
Kind (fresh or mineral)			••••••	. Depth(s) to Water	Kind of Water	No. of Feet Water Rises
Quality (hard, soft, contains iron, sulph			• • • • • • • • • • • •	Horizon(s)		
Appearance (clear, cloudy, coloured) For what purpose(s) is the water to be	used?	elold	•••••	JA A.	Jush	201
Tor what purpose(6) is the water to be		· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • •			
How far is well from possible source of	contamination?				<u></u>	-
What is the source of contamination?.		terk.				
Enclose a copy of any mineral analysis		de of water	•••••	•		
Well Overburden and Bedrock Re		From	To	Loc	ation of Well	
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Situation: Is well on upland, in valley	or on hillside? . 4	pland	• • • • • • • • • • • • •		• • • • • • • • • • • • • • •	• • • • • • • • • •
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(day) (nonth) (year)			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • •	• • • • • • • • • • •
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Length(s) of casing(s)	. Static level .	1. 1.4. 14		• • • • • • • • • • • • • • •	
Type of screen	. Pumping rat	e	and per la	• • • • • • • • • • • • • • •	••••
Distance from top of screen to ground level	. Duration of	test	2		
Is well a gravel-wall type?	. Distance from	n cylinder o	r bowls to ground	level	••••
V	Vater Record				
Kind (fresh or mineral)				Kind of Water	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)	d	•••••••	. Horizon(s)		Water Rises
Appearance (clear, cloudy, coloured)	und Tre	•••••	· 18 M	- Land	41t.
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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 ma Well Log	ide of water	••••••••••••••••••••••••••••••••••••••	•		· · · · · · · · · · · · · · · · · · ·
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Situation: Is well on upland, in valley, or on hillside? Drilling Firmfordor	1				• • • • • • • • •
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Casing diameter (s)	. Static level	. Z. J.X			
Type of screen	Pumping level	. 8.1.J.T	e • • • • • • • • • • • • • • • • • • •	****	
Type of screen.	Pumping rate.	.4.5.0	5. P. 1	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	
Distance from top of screen to ground level	Duration of te	st20	br	••••••	
Is well a gravel-wall type?					
W	Vater Record				
Kind (fresh or mineral)					
Quality (hard, soft, contains iron sulphur, etc.)		•••••	Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Appearance (clear, cloudy, coloured)	en.	·····		1/1	
For what purpose(s) is the water to be used?	mehold	••••••	15 ft	fred hand	2/1
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How far is well from possible source of contamination?	35-15				~
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Enclose a copy of any mineral analysis that has been ma	• • •		······································		
Well Log					
Overburden and Bedrock Record			Loc	ation of Well	
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Situation: Is well on upland, in valley, or on hillside?					
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Pipe and Casing Record			Pumping Test		
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	Water Record				
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Enclose a copy of any mineral analysis that has been a	made of water	·····	•		
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at is the source of contamination?	made of water From 0 ft.	To ft. 6	In diagram be well from roa dicate north b	low show dista the and loggin by arrow.	anges of
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at is the source of contamination?	made of water From 0 ft.	To ft. 6	In diagram be well from roa dicate north b	low show dista the and loggin by arrow.	and Ing f.
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	ANTARIO ONTARIO Well Drillers Act of Mines, Province of Ontario
	Well Record Com Lat. 20 Pt. Lot. (om bridge St. Acres. Ottawa.
Pipe and Casing Record	Pumping Test
	Developed Capacity Duration of Test

Water Record	 	
Kind (fresh or mineral) Fresh Quality (hard, soft, contains iron, sulphur etc.)	Kind of Water	No. of Feet Water Rises
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Appearance (clear, cloudy, coloured) Clear		109'8"
For what purpose(s) is the water to be used?		Ris
How far is well from possible source of contamination? 90		
What is source of contamination?Septicton K	 	
Enclose a copy of any mineral analysis that has been made of water	 	·

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Well Log			Location of Well	
Drift and Bedrock Record	From	То	In diagram below above distance	a of molt
	O ft.	5. ft.	In diagram below show distance from road and lot line	s or well
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Dark Brown Shale	65 .	115'	Golf GUB	WINDERMEN
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Drilling Firm Gordon S. Nulligan				
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Kind (fresh or mineral)	· · · · · · · · · · · · · · · · · · ·		Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
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Enclose a copy of any mineral analysis that has been r	nade of water				_
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Department of De	ONTARIO ONTARIO Vell Drillers Act Mines, Province of Ont		BRANCH	X
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Well Log Drift and Bedrock Record SANDY CLAY (TIII) FINE SAND GREY LIME STONE DARK BROWN ROCK (Softer then Lyg GREY LIME STONE DARK BROWN ROCK ('')	10 1/ 11 48	Loca In diagram belo from road and lo MC KELL Golf CON CARLING MAPLE CRES.	AR AR AR ANE ANE	Ces of well 300 fr WELL Y ST 5 N F S
Situation: Is well on upland, in valley, or on hillside? Drilling Firm	SAN CNTARIO Address RT	R. Nol. W	FSTROR	

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patersongroup

Consulting Engineers

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

January 13, 2020 File: PE4833-HLUI

City of Ottawa 110 Laurier Avenue W Ottawa, Ontario K1P 1J1

Subject:

Geotechnical Engineering Environmental Engineering Hydrogeology Geological Engineering Materials Testing Building Science Archaeological Services

www.patersongroup.ca

Authorization Letter, HLUI Search Phase I-Environmental Site Assessment 1995 Carling Avenue Ottawa, Ontario

Dear Sir or Madame,

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:

Name of Representative:

Authorization of Representative:

Date:

Elizabeth Barner zabeth Barne

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Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received: \$	



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

		Background Information
*Site Address or Location:		
	* Mandatory Field	
Applicant/Agent l	nformation:	
Name:		
Mailing Address:		
Telephone:		Email Address:
Registered Proper	ty Owner Information:	Same as above
Name:		
Mailing Address:		
2		
Telephone:		Email Address:

	Site Details		
	m Lot depth: m Lot area: m² area: (irregular lot) m² e have Full Municipal Services: Yes No		
Required Fees			
Please don't hesitate to visit <u>the Historic Land Use Inventory</u> website more information. Fees must be paid in full at the time of application submission.			
Planning Fee			
Submittal Requirements			

The following are required to be submitted with this application:

- 1. Consent to Disclose Information: Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner. This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- Disclaimer: Requesters must read and understand the conditions included in the attached disclaimer and submit a signed 2. disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.
- **4.** Any significant dates or time frames that you would like researched.

Disclaimer For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to	("the Requester") does so only under the following

conditions and understanding:

- The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
- 2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
- 3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
- 4. Copyright is reserved to the City.
- 5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
- 6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
- 7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed:		
Dated (dd/mm/yyyy):		
Per:		
(Please print name)		
Title:		
Company:		

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Mark St Pierre, B. Eng.

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

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Mark S. D'Arcy, P. Eng.

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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