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

January 29, 2020

Report: PE4833-1

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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 thirty-eight (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

- **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.

- **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

- **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 thirty-eight (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.

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., QP$_{ESA}$

Report Distribution:

- Claridge Homes
- Paterson Group Inc.

9.0 REFERENCES

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.
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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

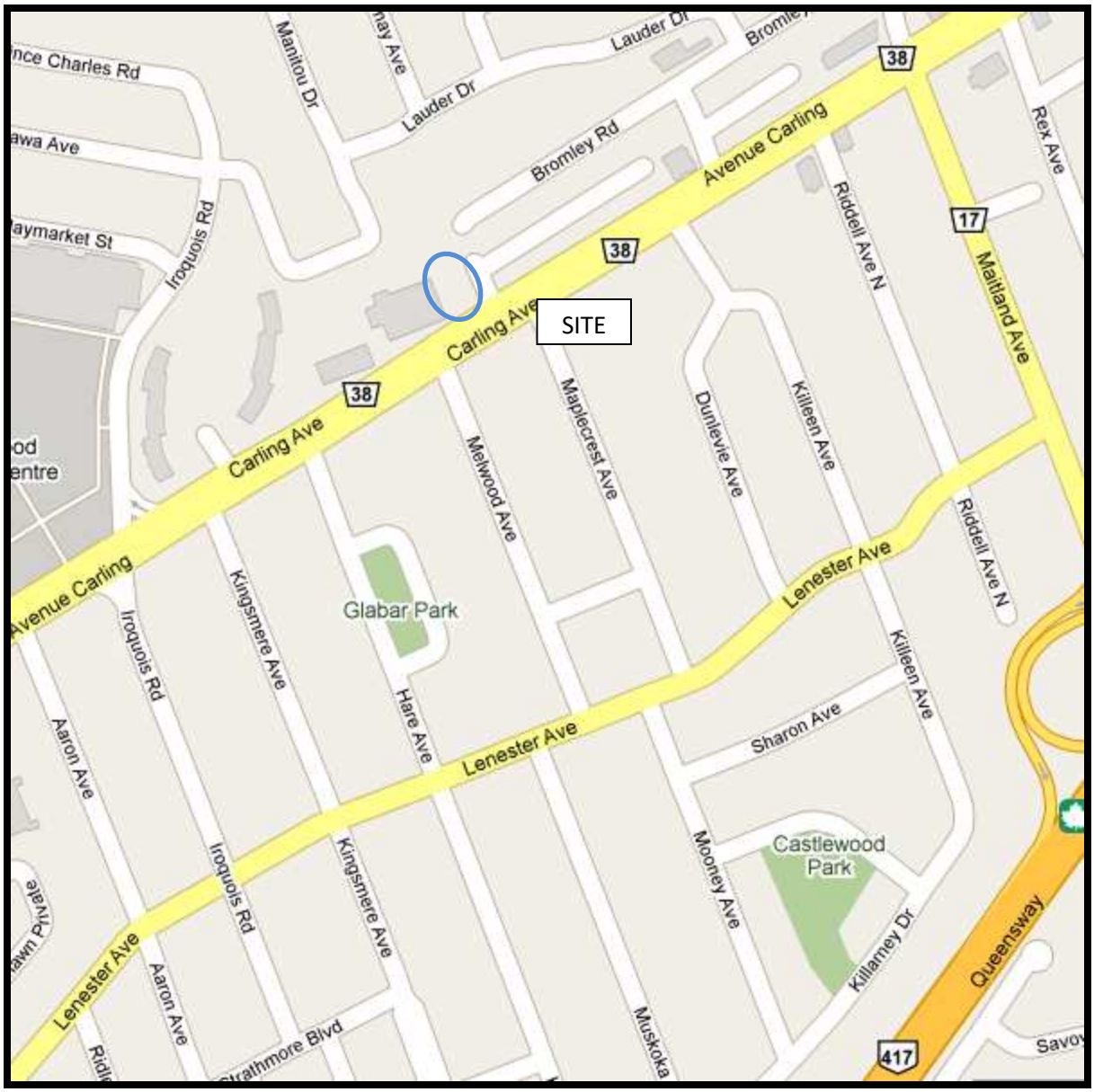

FIGURE 1

KEY PLAN

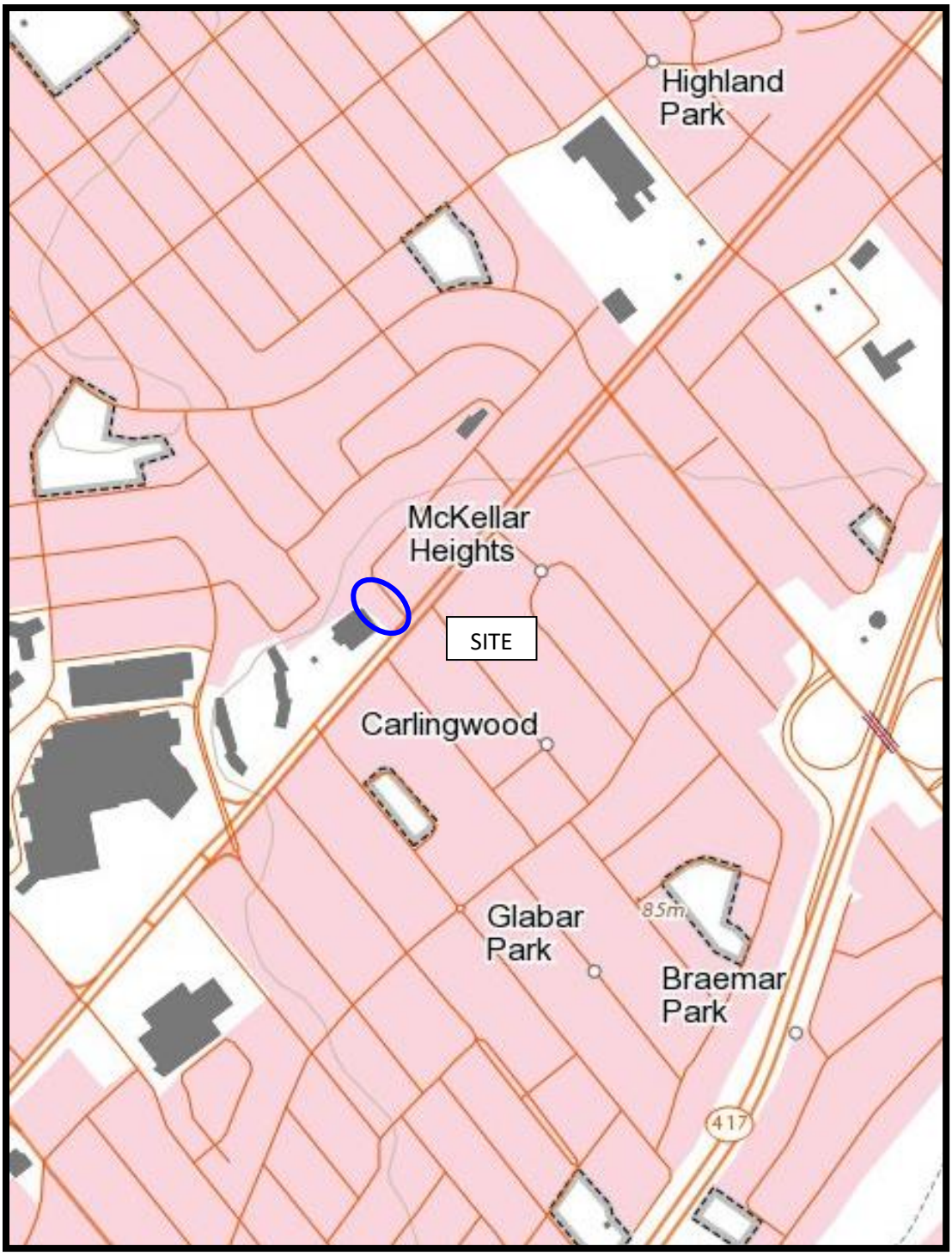

FIGURE 2

TOPOGRAPHIC MAP

#1952 BROMLEY ROAD
RESIDENTIAL DWELLING

#1951 CARLING AVENUE
RESIDENTIAL APARTMENT BUIDLING

BROMLEY ROAD

GRASS

WALKWAY

GRASS

ASPHALTIC CONCRETE

#1995 CARLING AVENUE
RESIDENTIAL APARTMENT
BUILDING

#1995 CARLING AVENUE
RESIDENTIAL APARTMENT BUILDING

WALKWAY

CARLING AVENUE

GRASS

#1977 BROMLEY ROAD
ASPHALT DRIVEWAY

GRASS

ASPHALTIC CONCRETE PARKING LOT

#2001 CARLING AVENUE
RESIDENTIAL APARTMENT BUIDLING

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NO.	REVISIONS	DATE	INITIAL

CLARIDGE HOMES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1995 CARLING AVENUE

OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:200	Date: 01/2020
Drawn by: NFRV	Report No.: PE4833-1
Checked by: MSP	Dwg. No.: PE4833-1
Approved by: MSD	Revision No.:

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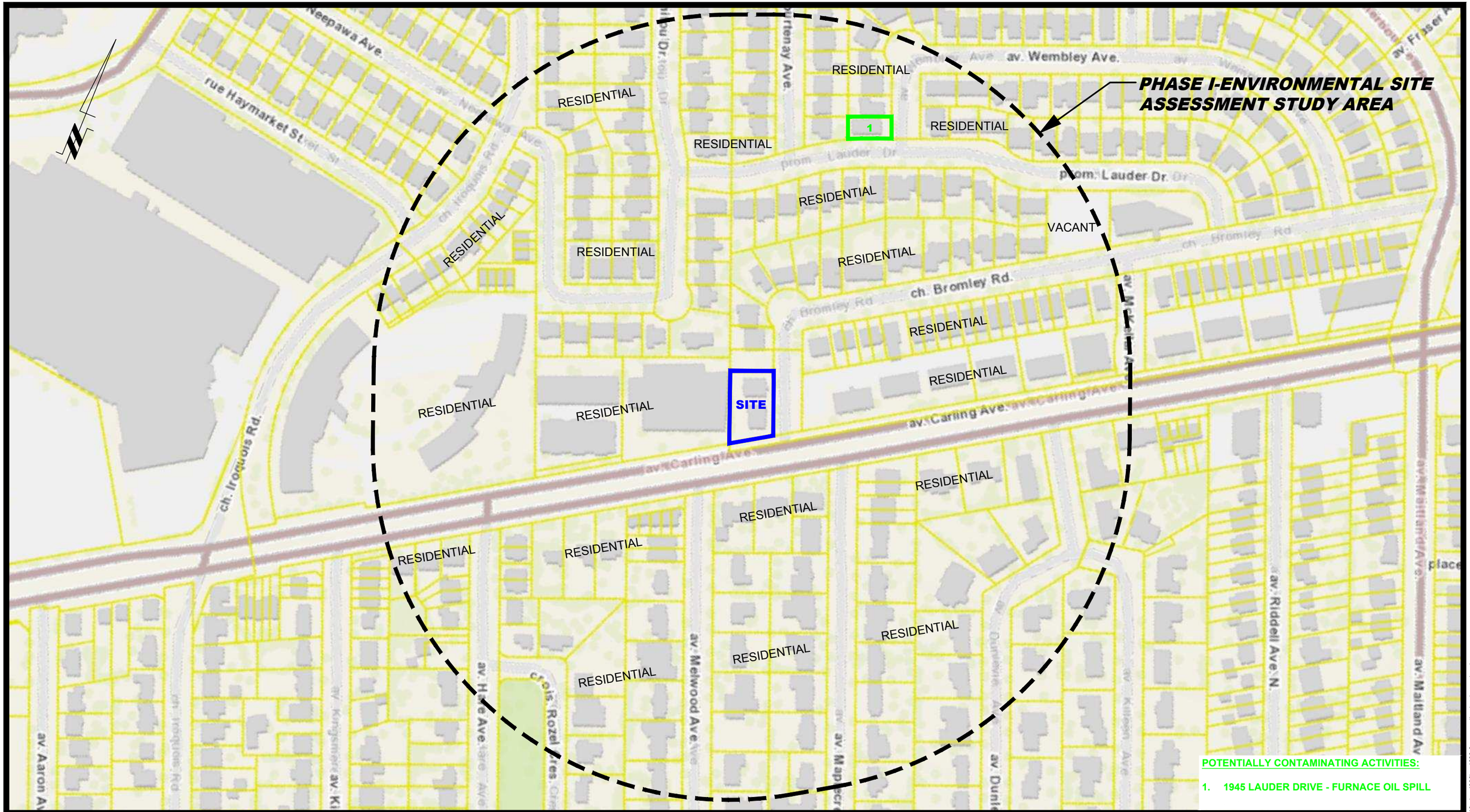

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NO.	REVISIONS	DATE	INITIAL

CLARIDGE HOMES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1995 CARLING AVENUE

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:2500	Date: 01/2020
Drawn by: NFRV	Report No.: PE4833-1
Checked by: MSP	Dwg. No.: PE4833-2
Approved by: MSD	Revision No.:

p:\autocad drawings\environmental\pe4833\pe4833-2 surrounding land use plan.dwg

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

AERIAL PHOTOGRAPH
1945

AERIAL PHOTOGRAPH
1952

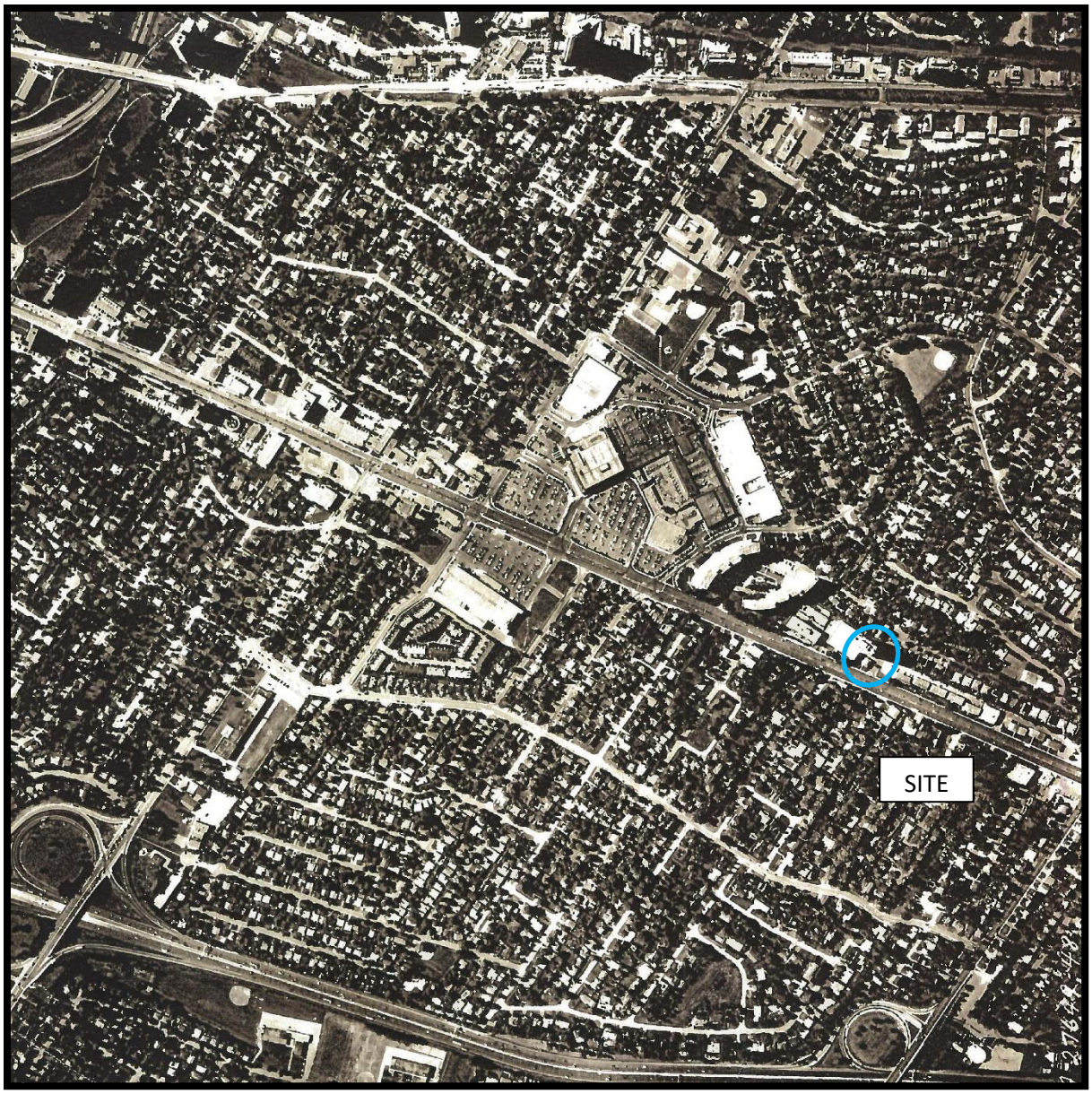
patersongroup

AERIAL PHOTOGRAPH
1962

patersongroup

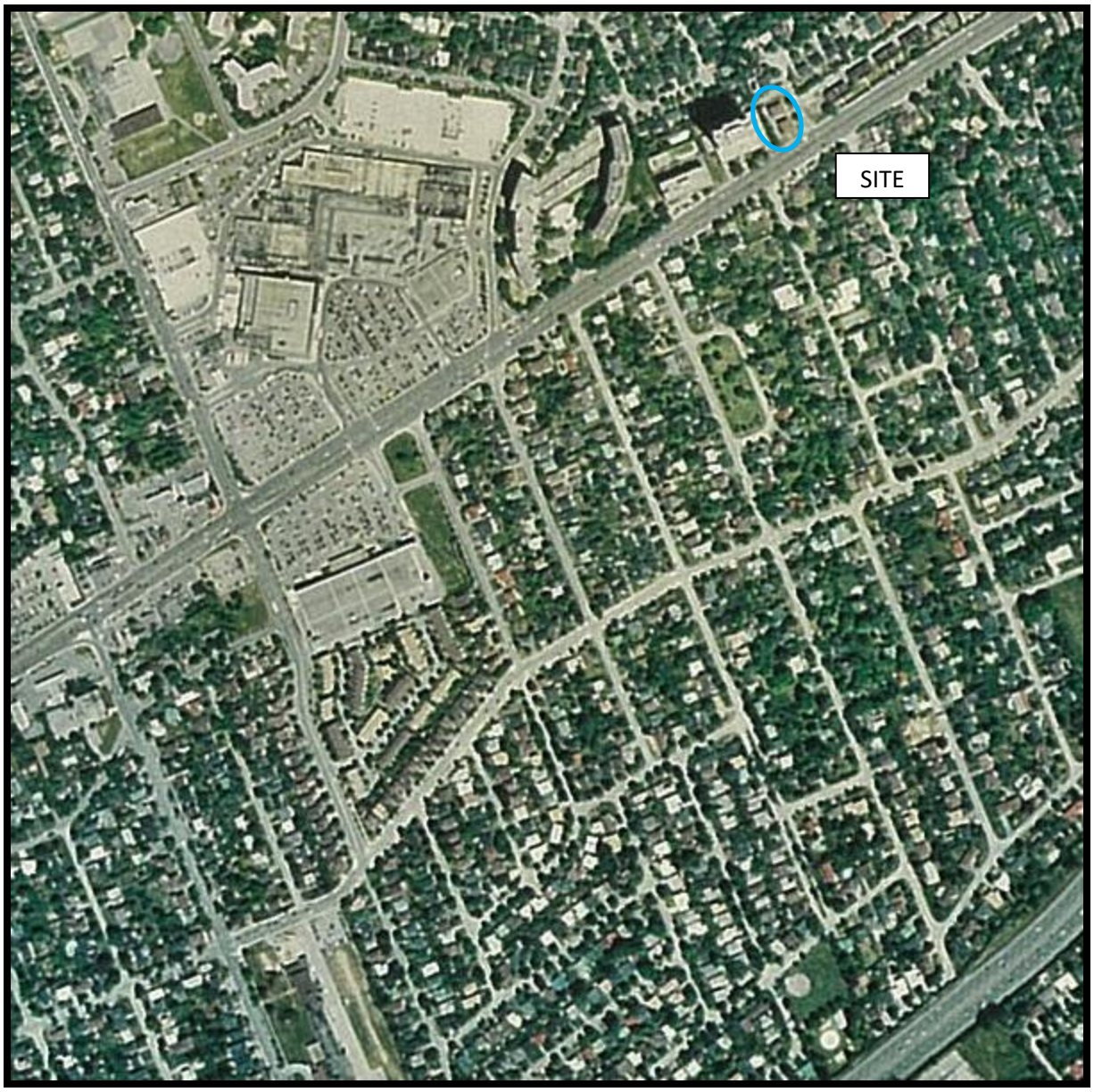
AERIAL PHOTOGRAPH
1975

patersongroup

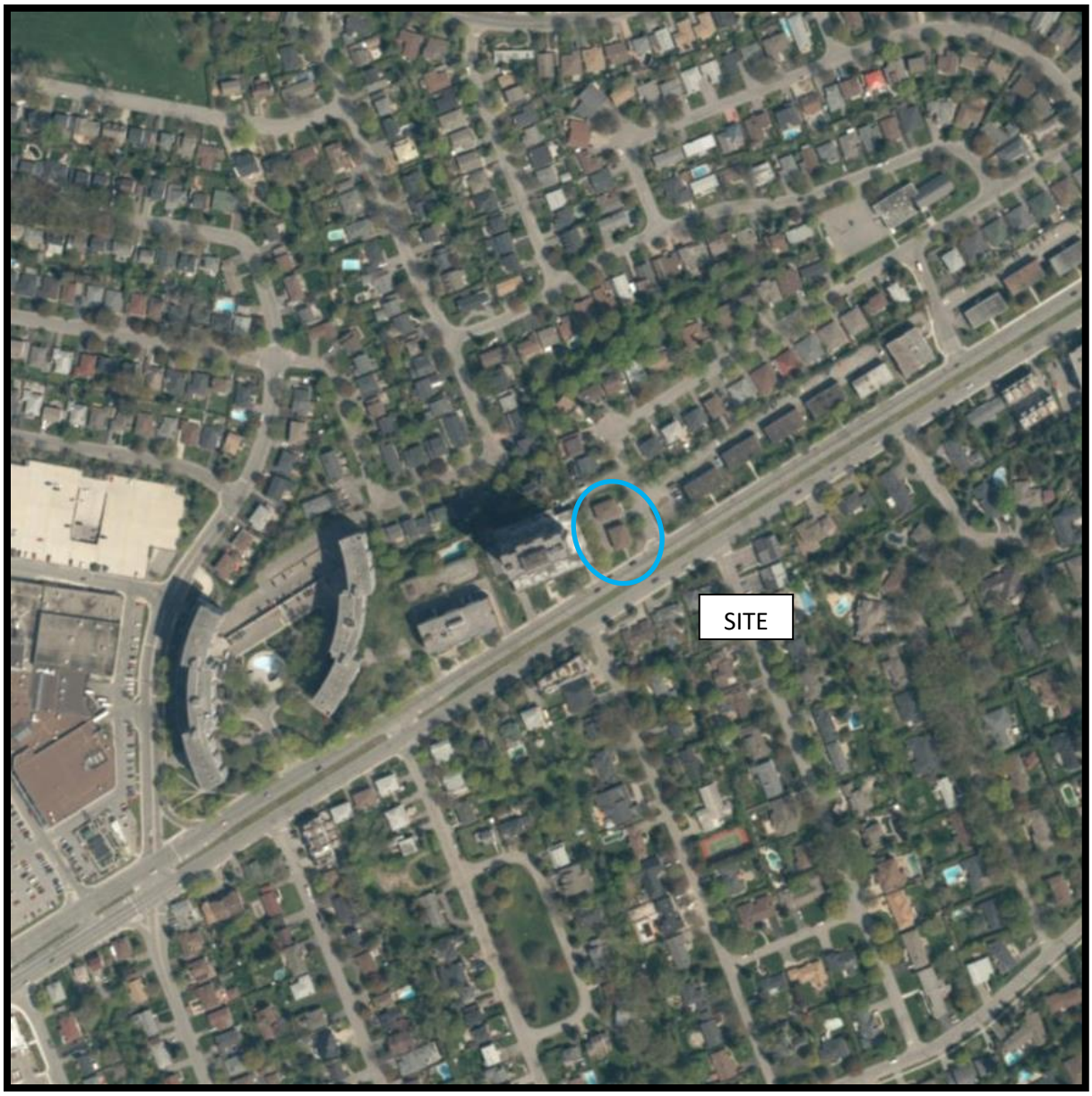


AERIAL PHOTOGRAPH
1986

patersongroup



AERIAL PHOTOGRAPH
1999



AERIAL PHOTOGRAPH
2017 (City of Ottawa)

patersongroup

Site Photographs

PE4833 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.

Site Photographs

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.

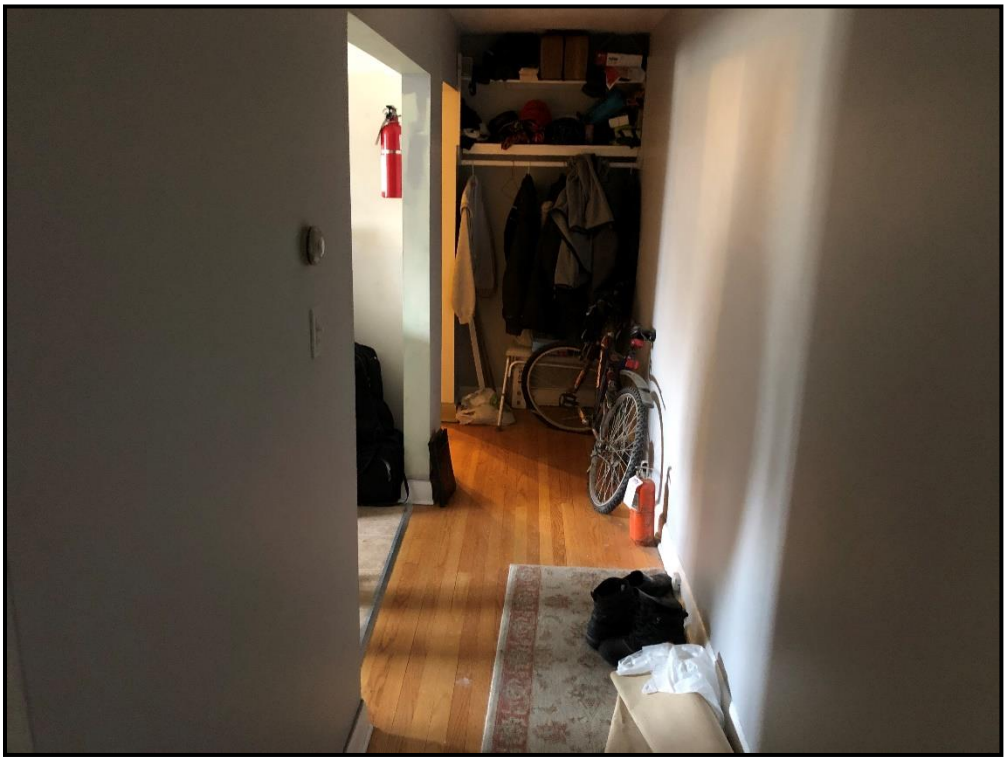
Photograph 4: View of the eastern face of the northern structure, facing northwest from Bromley Road.

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.



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

APPENDIX 2

ERIS DATABASE REPORT

MECP WATER WELL RECORDS

CITY OF OTTAWA HISTORICAL LAND USE INVENTORY SEARCH

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

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

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property: *Phase I ESA*
1995 Carling Avenue Ottawa 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: *20191210007*
Date Requested: *December 10, 2019*
Requested by: *Paterson Group Inc.*
Report Type: *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
CHEM	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

Map Key	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

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

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

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

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1507979			
29	WWIS		lot 28 con 2 ON **Well ID:** 1510601	SE/223.3	2.00	77
30	BORE		ON	SW/224.2	1.00	80
31	WWIS		lot 28 con 2 ON **Well ID:** 1510600	ESE/224.3	1.00	81
32	WWIS		ON **Well ID:** 1508460	SE/225.8	2.00	84
33	WWIS		ON **Well ID:** 1508462	SE/226.1	2.00	86
34	WWIS		ON **Well ID:** 1508149	E/229.0	0.00	89
35	WWIS		ON **Well ID:** 1508142	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	E/232.7	0.00	94
38	WWIS		ON **Well ID:** 1508387	E/241.3	1.00	96
38	WWIS		ON **Well ID:** 1508392	E/241.3	1.00	98

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	Address	Direction	Distance (m)	Map Key
	ON	SE	140.99	11
	ON	SW	224.22	30

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	Address	Direction	Distance (m)	Map Key
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW	97.99	8
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW	97.99	8
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1G2	SSW	97.99	8

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	Distance (m)	Map Key
4042841 Canada Inc.	2000 Carling Ave Ottawa ON K2A 1P4	SSW	97.99	8

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

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	Distance (m)	Map Key
	1983 Carling Avenue Ottawa ON K2A 1E9	ENE	79.84	4
	1983 Carling Ave Ottawa ON K2A1E9	NE	86.27	5

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2001 Carling Ave Ottawa ON K2A 3W5	WSW	57.07	2
	2001 Carling Ave Ottawa ON K2A3W5	WSW	57.11	3

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	Distance (m)	Map Key
SOMERSET TOWERS	2045 CARLING AVENUE OTTAWA ON K2A 1G5	WSW	230.53	36

Lower Elevation	Address	Direction	Distance (m)	Map Key

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

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	Address	Direction	Distance (m)	Map Key
City of Ottawa	Carling Ave at Bromley Ottawa ON	ESE	32.68	1

Lower Elevation	Address	Direction	Distance (m)	Map Key
	2001 Carling Ave. Westbound lane Ottawa ON	WSW	57.07	2
S. 21	1945 LAUDER STREET<UNOFFICIAL> Ottawa ON K2A 1B2	N	217.16	26

WWIS - Water Well Information System

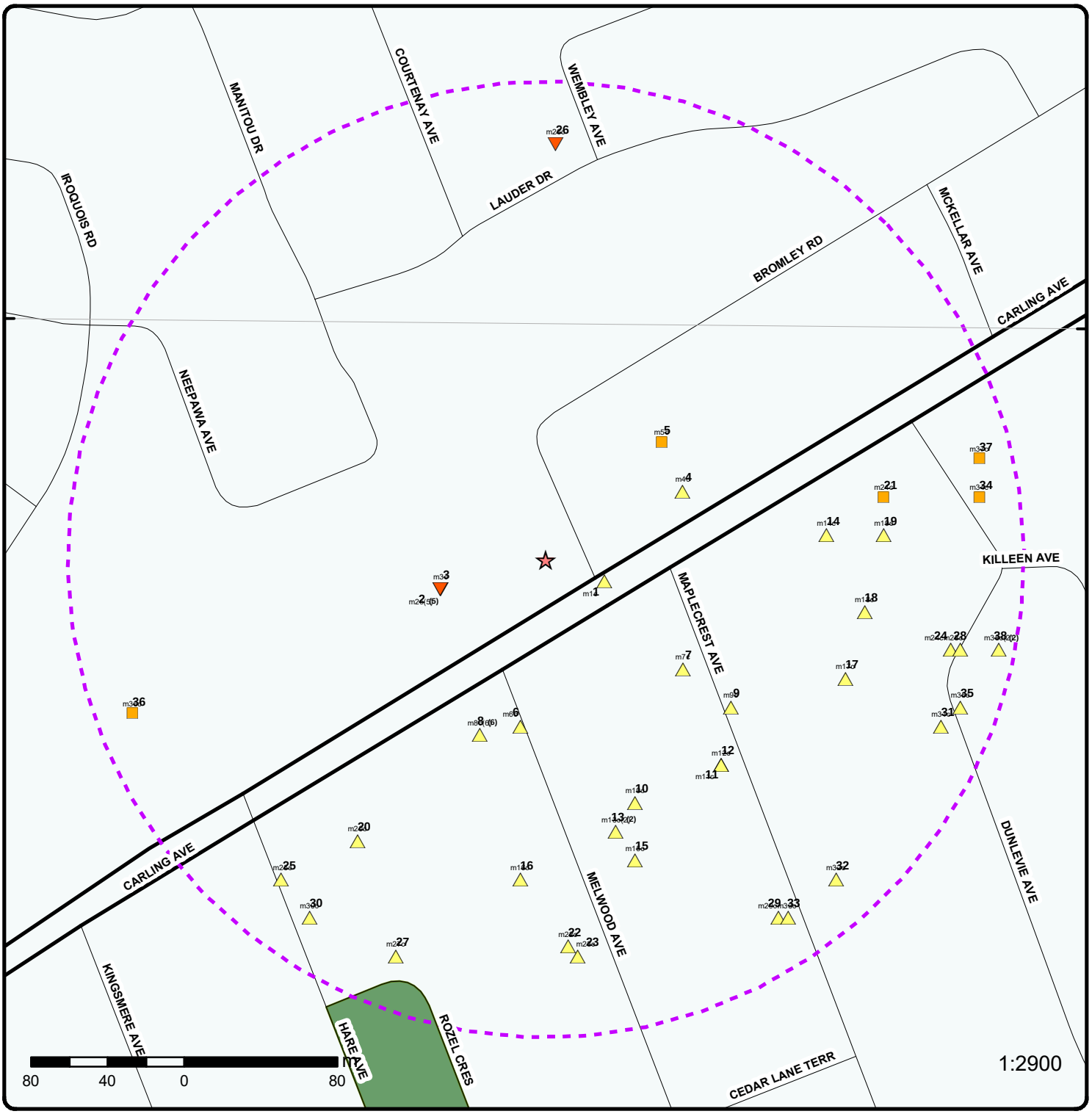
A search of the WWIS database, dated Feb 28, 2019 has found that there are 30 WWIS site(s) within approximately 0.25 kilometers of the project property.

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON ***Well ID:*** 1508463	ESE	123.74	9
	ON ***Well ID:*** 1508465	SSE	135.59	10
	lot 28 con 2 ON ***Well ID:*** 1510604	SE	141.11	12
	ON ***Well ID:*** 1508482	SSE	146.96	13
	ON ***Well ID:*** 1508483	SSE	146.96	13
	ON ***Well ID:*** 1508000	E	147.16	14
	ON ***Well ID:*** 1508486	SSE	164.08	15
	ON ***Well ID:*** 1508480	S	167.86	16
	ON ***Well ID:*** 1508135	ESE	168.56	17
	ON ***Well ID:*** 1508143	E	168.84	18
	ON ***Well ID:*** 1508152	E	177.07	19
	ON	SW	177.16	20

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON ***Well ID:*** 1508149	E	228.96	34
	ON ***Well ID:*** 1508142	ESE	230.00	35
	ON ***Well ID:*** 1508151	E	232.65	37
	ON ***Well ID:*** 1508392	E	241.30	38
	ON ***Well ID:*** 1508387	E	241.30	38



Map : 0.25 Kilometer Radius

Order Number: 20191210007

Address: 1995 Carling Avenue, Ottawa, ON

ENVIRONMENTAL RISK INFORMATION SERVICES

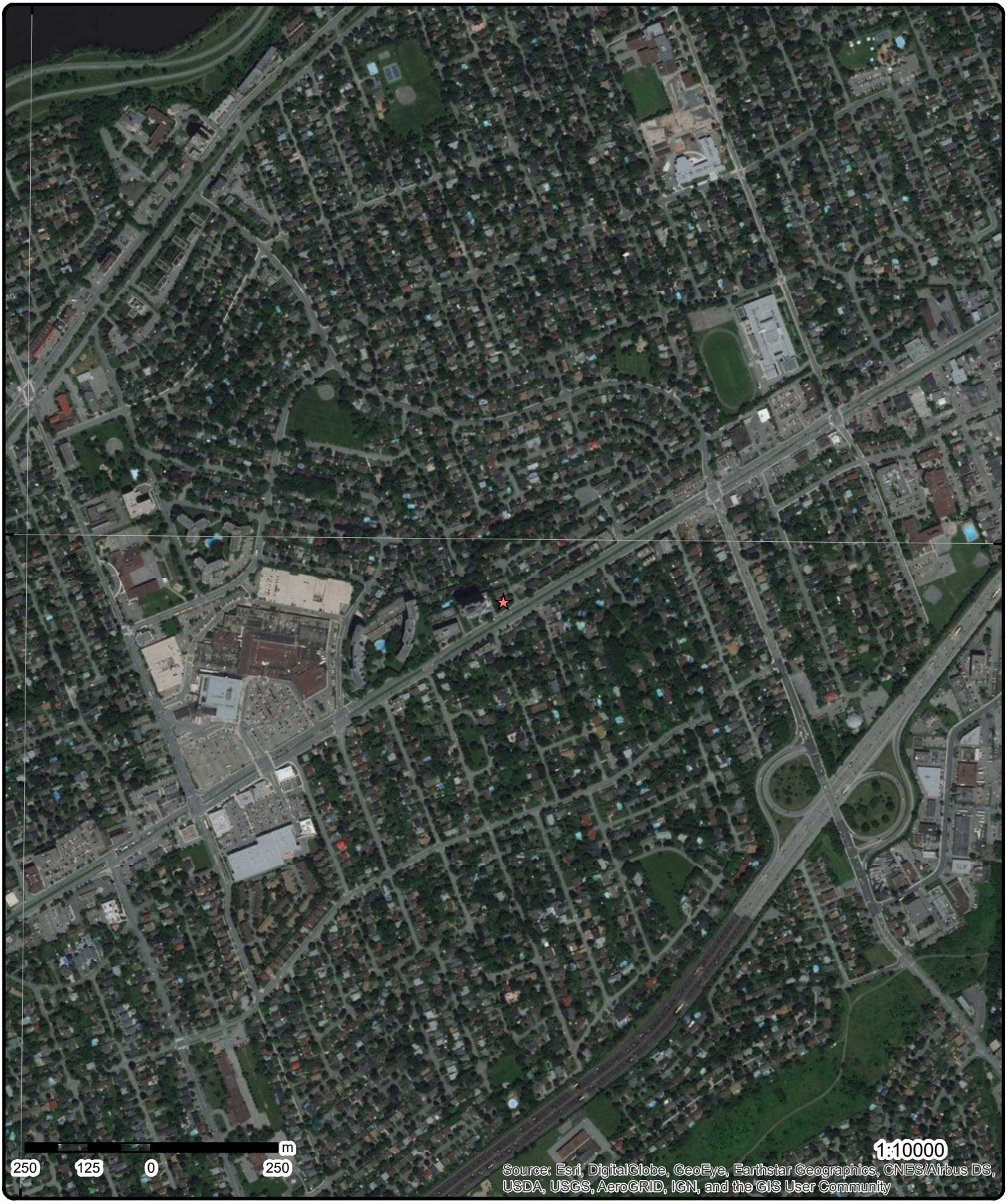
- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
-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

Source: © 2015 DMTI Spatial Inc.

75°46'30"W

45°22'30"N

45°22'30"N



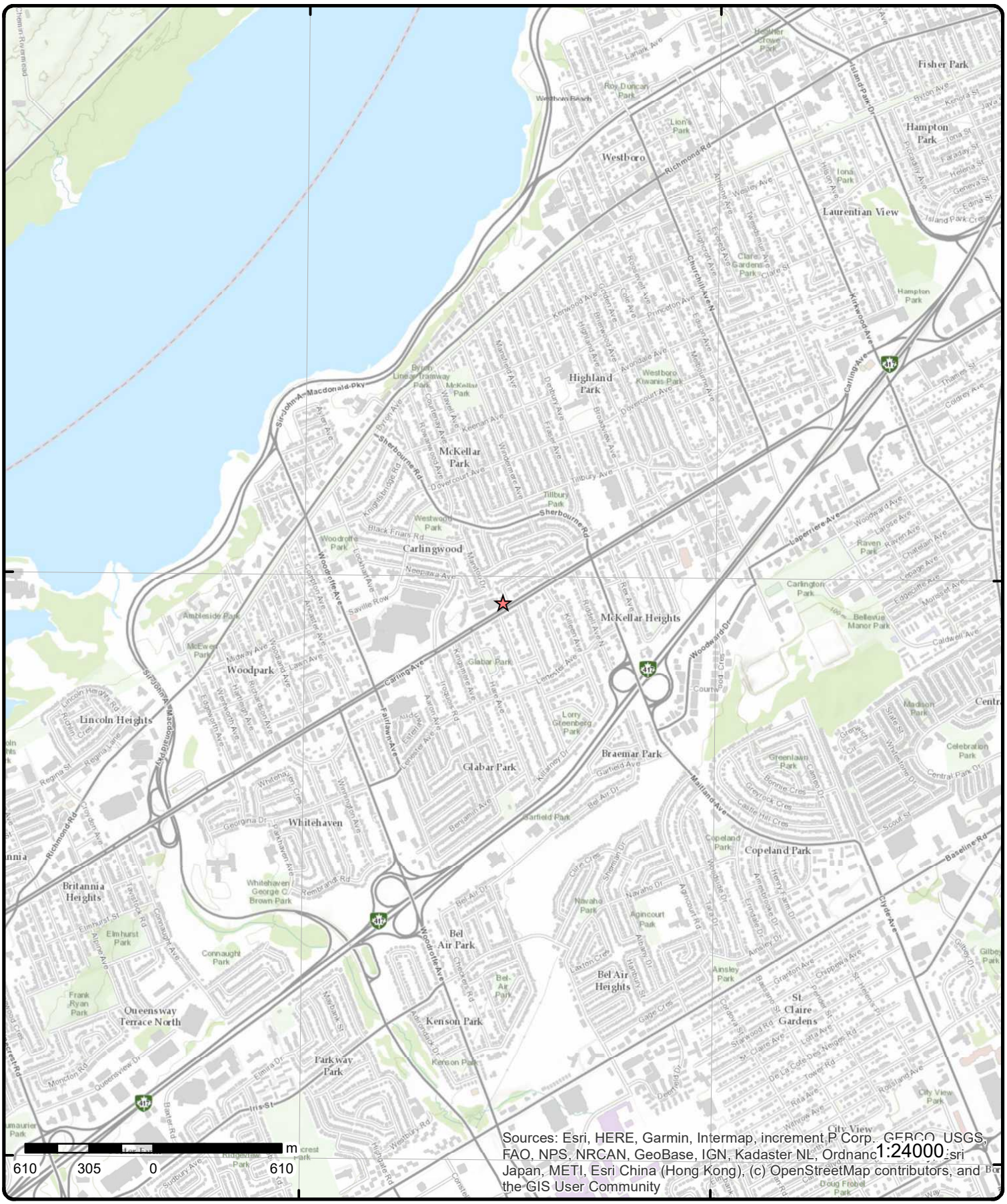
Aerial **Year: 2017**

Address: 1995 Carling Avenue, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20191210007

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 1995 Carling Avenue, ON

Source: ESRI World Topographic Map

Order Number: 20191210007

ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	ESE/32.7	80.9 / 1.00	City of Ottawa Carling Ave at Bromley Ottawa ON	SPL

Ref No:	0256-9HFSFM	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2014/03/22	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Collision/Accident	**Sector Type:**	Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	15	**Nearest Watercourse:**	
Contaminant Name:	TRANSMISSION OIL	**Site Address:**	Carling Ave at Bromley
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:	Other Impact(s)	**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	No Field Response	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2014/03/22	**Site Map Datum:**	
Dt Document Closed:	2014/10/29	**SAC Action Class:**	Land Spills
Incident Reason:	Material Failure - Poor Design/Substandard Material	**Source Type:**	

Site Name: Bus leaking transmision fluid. <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo- transmission to roadway.
Contaminant Qty: 1 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 5	WSW/57.1	79.8 / -0.08	HOMESTEAD LANDHOLDINGS 2001 CARLING AVE OTTAWA ON K2A 3W5	GEN

Generator No:	ON7030619	**PO Box No:**	
Status:		**Country:**	
Approval Years:	03,04	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 5	WSW/57.1	79.8 / -0.08	2001 Carling Ave Ottawa ON K2A 3W5	EHS

Order No:	20121030016	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-NOV-12	**Search Radius (km):**	.25
Date Received:	30-OCT-12	**X:**	-75.763552
Previous Site Name:		**Y:**	45.373736
Lot/Building Size:			
Additional Info Ordered:			

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

2 **3 of 5** **WSW/57.1** **79.8 / -0.08** **2001 Carling Ave. Westbound lane Ottawa ON** **SPL**

Ref No:	4371-A83RN4	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/03/15	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Unknown / N/A
Incident Event:	Collision/Accident	**Agency Involved:**	
Contaminant Code:	27	**Nearest Watercourse:**	
Contaminant Name:	COOLANT N.O.S.	**Site Address:**	2001 Carling Ave. Westbound lane
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Surface Water	**Northing:**	
MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2016/03/15	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Watercourse Spills
Incident Reason:	Equipment Failure	**Source Type:**	

Site Name: OC Transpo Accident<UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo - 5-10L of coolant to storm sewer
Contaminant Qty: 10 L

2 **4 of 5** **WSW/57.1** **79.8 / -0.08** **Homestead Land Holdings Ltd. 2001 CARLING AVENUE OTTAWA ON K2A 3W5** **GEN**

Generator No:	ON2995038	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2015	**Choice of Contact:**	CO_OFFICIAL
Contam. Facility:	No	**Co Admin:**	
MHSW Facility:	No	**Phone No Admin:**	
SIC Code:	531310		

SIC Description: REAL ESTATE PROPERTY MANAGERS

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

2 **5 of 5** **WSW/57.1** **79.8 / -0.08** **Homestead Land Holdings Ltd. Homestead Land Holdings Ltd. 2001 Carling Avenue OTTAWA ON K2A 3W5** **GEN**

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

Generator No:	ON6352626	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Jul 2019	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	312 P
Waste Class Desc:	Pathological wastes

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3 | ***1 of 1*** | ***WSW/57.1*** | ***79.8 / -0.08*** | ***2001 Carling Ave Ottawa ON K2A3W5*** | ***EHS***

Order No:	20180102009	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	05-JAN-18	**Search Radius (km):**	.25
Date Received:	02-JAN-18	**X:**	-75.763601
Previous Site Name:		**Y:**	45.373746
Lot/Building Size:			
Additional Info Ordered:			

---

4 | ***1 of 1*** | ***ENE/79.8*** | ***79.9 / 0.07*** | ***1983 Carling Avenue Ottawa ON K2A 1E9*** | ***EHS***

Order No:	20051117009	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	11/25/2005	**Search Radius (km):**	0.25
Date Received:	11/17/2005	**X:**	-75.761992
Previous Site Name:		**Y:**	45.374216
Lot/Building Size:			
Additional Info Ordered:			

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5 | ***1 of 1*** | ***NE/86.3*** | ***79.9 / 0.00*** | ***1983 Carling Ave Ottawa ON K2A1E9*** | ***EHS***

Order No:	20150210066	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	17-FEB-15	**Search Radius (km):**	.25
Date Received:	10-FEB-15	**X:**	-75.762134
Previous Site Name:		**Y:**	45.374448
Lot/Building Size:			
Additional Info Ordered:			

---

6 | ***1 of 1*** | ***SSW/88.3*** | ***80.9 / 1.00*** | ***ON*** | ***WWIS***

Well ID:	1507985	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/13/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030020	**Elevation:**	83.201858
DP2BR:	7	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440250.7
Code OB Desc:	Bedrock	**North83:**	5024682
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/14/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008535
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008534
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth:	3
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008536
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	120
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10578590
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930052697
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	120
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052696
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507985
Pump Set At:	
Static Level:	35
Final Level After Pumping:	45
Recommended Pump Depth:	
Pumping Rate:	
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:	
Pumping Duration MIN:	
Flowing:	N

Water Details

Water ID:	933462303
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

---

7 **1 of 1** **ESE/91.7** **80.9 / 1.00** **ON** **WWIS**

Well ID:	1508461	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/15/1951
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:	10030495	**Elevation:**	82.893241
DP2BR:	3	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440335.7
Code OB Desc:	Bedrock	**North83:**	5024712
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/11/1950	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931009726
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 09
Other Materials: MEDIUM SAND
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009727
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 104
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10579065
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053635
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 104

Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053634
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	9
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508461
Pump Set At:	
Static Level:	15
Final Level After Pumping:	33
Recommended Pump Depth:	
Pumping Rate:	7
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:	N

Water Details

Water ID:	933462972
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	104
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	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:	9/26/2008
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	2 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2	CA

Certificate #: 3696-7SLNAB
Application Year: 2009
Issue Date: 6/9/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	3 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1G2	CA

Certificate #: 4683-7T3KKA
Application Year: 2009
Issue Date: 6/17/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	4 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4	ECA

Approval No: 3252-7JUJB4
Approval Date: 2008-09-26
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
MOE District: Ottawa
City:
Longitude: -75.76338
Latitude: 45.373062
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 2000 Carling Ave
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7247-7JMHA5-14.pdf

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
8	5 of 6	SSW/98.0	80.9 / 1.00	4042841 Canada Inc. 2000 Carling Ave Ottawa ON K2A 1P4	ECA

Approval No: 3696-7SLNAB
Approval Date: 2009-06-09
Status: Approved
Record Type: ECA
MOE District: Ottawa
City:
Longitude: -75.76338
Latitude: 45.373062

Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	2000 Carling Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1461-7SDR8A-14.pdf		

8 | **6 of 6** | **SSW/98.0** | **80.9 / 1.00** | **4042841 Canada Inc.**
2000 Carling Ave
Ottawa ON K2A 1P4 | **ECA**

Approval No:	4683-7T3KKA	**MOE District:**	Ottawa
Approval Date:	2009-06-17	**City:**	
Status:	Approved	**Longitude:**	-75.76338
Record Type:	ECA	**Latitude:**	45.373062
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Rideau Valley	**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	2000 Carling Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4513-7T2NJD-14.pdf		

9 | **1 of 1** | **ESE/123.7** | **80.9 / 1.00** | **ON** | **WWIS**

Well ID:	1508463	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/10/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030497	**Elevation:**	82.617988
DP2BR:	10	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440360.7
Code OB Desc:	Bedrock	**North83:**	5024692
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/1/1954	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931009731
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 102
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009730
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10579067
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053638
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14

Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053639
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	102
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508463
Pump Set At:	
Static Level:	12
Final Level After Pumping:	16
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:	20
Flowing:	N

Water Details

Water ID:	933462975
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102
Water Found Depth UOM:	ft

Water Details

Water ID:	933462974
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

10 ***1 of 1*** ***SSE/135.6*** ***81.9 / 2.00*** ***ON*** ***WWIS***

Well ID:	1508465	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/3/1956
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4216

Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-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:	10030499	***Elevation:***	82.508323
DP2BR:	18	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440310.7
Code OB Desc:	Bedrock	***North83:***	5024642
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/3/1955	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009734
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	18
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009735
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth: 18
Formation End Depth: 126
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10579069
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053643
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 126
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053642
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 18
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508465
Pump Set At:
Static Level: 12
Final Level After Pumping: 15
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: N

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

Water Details

Water ID:	933462977
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

11 ***1 of 1*** ***SE/141.0*** ***81.9 / 2.03*** ***ON*** ***BORE***

Borehole ID:	612764	***Inclin FLG:***	No
OGF ID:	215514070	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	FEB-1949	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.372934
Total Depth m:	27.4	***Longitude DD:***	-75.761718
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	440356
Drill Method:		***Northing:***	5024662
Orig Ground Elev m:	80.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	82.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218392399	***Mat Consistency:***	
Top Depth:	1.5	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218392398	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218392400	***Mat Consistency:***	
Top Depth:	3	***Material Moisture:***	
Bottom Depth:	27.4	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	

Material 3: **Geologic Period:**
Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: LIMESTONE. WHITE. 00080BOULDERS. SAND. BEDROCK. GREY. F,FISSURED. CLAY. BROWN,GREY,ST
**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

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

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 05272 NTS_Sheet:
Confiden 1:

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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12 | **1 of 1** | **SE/141.1** | **81.9 / 2.03** | **lot 28 con 2 ON** | **WWIS**

Well ID:	1510604	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/8/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OTTAWA CITY (NEPEAN)
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	028
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:	10032630	**Elevation:**	82.488311
DP2BR:	10	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440355.7
Code OB Desc:	Bedrock	**North83:**	5024662
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	2/15/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931015347
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015348
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015349
Layer: 3
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10581200
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930057837
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930057836
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510604
Pump Set At:
Static Level: 10
Final Level After Pumping: 15
Recommended Pump Depth:
Pumping Rate:
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:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933465630
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 2	SSE/147.0	81.9 / 2.00	ON	WWIS

Well ID:	1508483	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/21/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030517	**Elevation:**	82.326995
DP2BR:	7	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440300.7
Code OB Desc:	Bedrock	**North83:**	5024627
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/29/1951	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009786
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	65
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009785
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579087
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053677
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	12
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053678
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:	991508483
Pump Set At:	
Static Level:	11
Final Level After Pumping:	12
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:	20
Flowing:	N

Water Details

Water ID:	933463002
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	20
Water Found Depth UOM:	ft

13 ***2 of 2*** ***SSE/147.0*** ***81.9 / 2.00*** ***ON*** ***WWIS***

Well ID:	1508482	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/21/1951
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3725
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-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:	10030516	***Elevation:***	82.326995
DP2BR:	6	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440300.7
Code OB Desc:	Bedrock	***North83:***	5024627
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/25/1951	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931009784
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	64
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009783
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579086
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053675
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	13
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053676
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	64
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508482
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:	20
Flowing:	N

Water Details

Water ID:	933463001
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	15
Water Found Depth UOM:	ft

14 ***1 of 1*** ***E/147.2*** ***80.7 / 0.80*** ***ON*** ***WWIS***

Well ID:	1508000	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/6/1955
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3718
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:	10030035	***Elevation:***	81.696113
DP2BR:	8	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440410.7
Code OB Desc:	Bedrock	***North83:***	5024782
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	10/1/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008571
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008572
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10578605
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052726
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052727
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508000
Pump Set At:
Static Level: 8
Final Level After Pumping: 16
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Water Details

Water ID: 933462323
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 100
Water Found Depth UOM: ft

Water Details

Water ID: 933462322
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

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15 | **1 of 1** | **SSE/164.1** | **81.9 / 2.00** | **ON** | **WWIS**

Well ID: 1508486
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/1/1952
Selected Flag: Yes
Abandonment Rec:
Contractor: 3725
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10030520
DP2BR: 10
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/12/1951
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 82.194778
Elevrc:
Zone: 18
East83: 440310.7
North83: 5024612
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931009792
Layer: 2
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 66
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931009791
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579090
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053684
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	66
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053683
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508486
Pump Set At:	
Static Level:	8

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:
Pumping Duration HR:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID: 933463006
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55
Water Found Depth UOM: ft

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16 ***1 of 1*** ***S/167.9*** ***81.9 / 2.00*** ***ON*** ***WWIS***

Well ID: 1508480
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/21/1951
Selected Flag: Yes
Abandonment Rec:
Contractor: 3725
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10030514
DP2BR: 8
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/2/1950
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

Elevation: 82.297309
Elevrc:
Zone: 18
East83: 440250.7
North83: 5024602
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931009780
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	74
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009779
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579084
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053671
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	17
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth 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:	N

Water Details

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

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17 ***1 of 1*** ***ESE/168.6*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	1508135	***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:***	3725
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:	10030170	***Elevation:***	82.194831
DP2BR:	12	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440420.7
Code OB Desc:	Bedrock	***North83:***	5024707
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	2/27/1952	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008895
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	108
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008893
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008894
Layer:	2
Color:	
General Color:	

Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 12
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10578740
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052999
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053000
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 108
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508135
Pump Set At:
Static Level: 13
Final Level After Pumping: 17
Recommended Pump Depth:
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1

Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933462525
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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18 ***1 of 1*** ***E/168.8*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	1508143	**Data Entry Status:**	
Construction Date:		**Data Src:**	8
Primary Water Use:	Domestic	**Date Received:**	9/7/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030178	**Elevation:**	81.944
DP2BR:	12	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	h	**East83:**	440430.7
Code OB Desc:	Mixed in a Layer	**North83:**	5024742
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/8/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008913
Layer:	3

Color:	2
General Color:	GREY
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	15
Other Materials:	LIMESTONE
Mat3:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	110
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008912
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008911
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	02
Other Materials:	TOPSOIL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10578748
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: 930053017
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053016
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508143
Pump Set At:
Static Level: 18
Final Level After Pumping: 20
Recommended Pump Depth:
Pumping Rate: 150
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: N

Water Details

Water ID: 933462536
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 95
Water Found Depth UOM: ft

Water Details

Water ID: 933462537
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 109
Water Found Depth UOM: ft

Water Details

Water ID:	933462535
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

19 **1 of 1** **E/177.1** **80.6 / 0.69** **ON** **WWIS**

Well ID:	1508152	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/10/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4825
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:	10030187	**Elevation:**	81.657981
DP2BR:	140	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440440.7
Code OB Desc:	Bedrock	**North83:**	5024782
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/17/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008931
Layer:	1
Color:	
General Color:	
Mat1:	24
Most Common Material:	PREV. DRILLED
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth:	140
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008932
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	140
Formation End Depth:	175
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10578757
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053034
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	140
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053035
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	175
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508152
Pump Set At:	
Static Level:	8
Final Level After Pumping:	55
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933462547
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	160
Water Found Depth UOM:	ft

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20 ***1 of 1*** ***SW/177.2*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	1507991	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/21/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030026	**Elevation:**	82.464462
DP2BR:	20	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440165.7
Code OB Desc:	Bedrock	**North83:**	5024622
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/13/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			

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

Overburden and Bedrock Materials Interval

Formation ID: 931008547
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008548
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 52
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10578596
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052709
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 52

Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930052708
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991507991
Pump Set At:	
Static Level:	25
Final Level After Pumping:	30
Recommended Pump Depth:	
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	45
Flowing:	N

Water Details

Water ID:	933462309
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	51
Water Found Depth UOM:	ft

21 ***1 of 1*** ***E/179.6*** ***79.9 / 0.00*** ***ON*** ***WWIS***

Well ID:	1508390	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/1/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3701
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:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10030424	***Elevation:***	81.266136
DP2BR:	6	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440440.7
Code OB Desc:	Bedrock	***North83:***	5024802
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/21/1954	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009558
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	140
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009557
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:

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

Pipe Information

Pipe ID: 10578994
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053496
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 18
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053497
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 140
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508390
Pump Set At:
Static Level: 10
Final Level After Pumping: 22
Recommended Pump Depth:
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933462874
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90
Water Found Depth UOM: ft

Water Details

Water ID:	933462875
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

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22 | ***1 of 1*** | ***S/202.7*** | ***81.9 / 2.00*** | ***lot 28 con 2 ON*** | ***WWIS***

Well ID:	1510599	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/5/1950
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3725
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY (NEPEAN)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	028
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:	10032625	***Elevation:***	81.92707
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440275.7
Code OB Desc:	Bedrock	***North83:***	5024567
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	12/27/1949	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931015331
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	12
Other Materials:	STONES
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015333
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	65
Formation End Depth:	115
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015332
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	65
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10581195
Casing No:	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:	930057826
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
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:	N

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:	1508481	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/21/1951
Sec. Water Use:	0	***Selected Flag:***	Yes

Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030515	**Elevation:**	81.862655
DP2BR:	8	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440280.7
Code OB Desc:	Bedrock	**North83:**	5024562
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/12/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009781
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009782
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 74
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10579085
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053673
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053674
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: 991508481
Pump Set At:
Static Level: 14
Final Level After Pumping: 16
Recommended Pump Depth:
Pumping Rate: 7
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: N

Water Details

Water ID: 933463000
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 18
Water Found Depth UOM: ft

---

24 ***1 of 1*** ***E/216.8*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID: 1508132
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 4/3/1952
Selected Flag: Yes
Abandonment Rec:
Contractor: 5448
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10030167
DP2BR: 5
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 1/11/1952
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 80.994438
Elevrc:
Zone: 18
East83: 440475.7
North83: 5024722
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

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

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008885
Layer: 1
Color:
General Color:
Mat1: 25
Most Common Material: OVERBURDEN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Method of Construction & Well Use

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

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:
Depth To: 20
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052994
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 5
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508132
Pump Set At:
Static Level: 8
Final Level After Pumping: 20
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Water Details

Water ID: 933462522
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 90
Water Found Depth UOM: ft

---

25 ***1 of 1*** ***SW/217.1*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID: 1508231
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/25/1950
Selected Flag: Yes
Abandonment Rec:
Contractor: 3725
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10030266
DP2BR: 13
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:

Elevation: 82.012008
Elevrc:
Zone: 18
East83: 440125.7
North83: 5024602
Org CS:

Cluster Kind:
Date Completed: 6/14/1950
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931009124
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009125
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 13
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931009126
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 13
Formation End Depth: 60
Formation End Depth UOM: ft

Method of Construction & Well

Use

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

Pipe Information

Pipe ID: 10578836
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053187
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053188
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508231
Pump Set At:
Static Level: 13
Final Level After Pumping: 35
Recommended Pump Depth:
Pumping Rate: 30
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: N

Water Details

Water ID: 933462650
Layer: 1
Kind Code: 1

Kind: FRESH
Water Found Depth: 50
Water Found Depth UOM: ft

---

26 **1 of 1** **N/217.2** **78.2 / -1.67** **S. 21** **SPL**
1945 LAUDER STREET<UNOFFICIAL>
Ottawa ON K2A 1B2

Ref No:	7686-5RFHUD	**Discharger Report:**	
Site No:		**Material Group:**	Oil
Incident Dt:	9/16/2003	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Tank (Above Ground) Leak	**Sector Type:**	Other
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	FURNACE OIL	**Site Address:**	
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	Eastern
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:	Groundwater Pollution; Soil Contamination	**Site Lot:**	
Receiving Medium:	Land & Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	9/16/2003	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Spill to Land
Incident Reason:	Unknown - Reason not determined	**Source Type:**	
Site Name:	1945 LAUDER STREET<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA/MOE - oil tank leak to natural env'mt		
Contaminant Qty:	other - see incident description		

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27 **1 of 1** **SSW/221.6** **81.9 / 2.00** **ON** **WWIS**

Well ID:	1508857	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/26/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030891	**Elevation:**	82.684707
DP2BR:	10	**Elevrc:**	

Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440185.7
Code OB Desc:	Bedrock	***North83:***	5024562
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	8/9/1952	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931010783
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	14
Other Materials:	HARDPAN
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931010784
Layer:	2
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	65
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579461
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930054413
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
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:	N

Water Details

Water ID:	933463553
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

28 ***1 of 1*** ***E/221.7*** ***80.9 / 1.00*** ***ON*** ***WWIS***

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

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:	10030014	***Elevation:***	80.866745
DP2BR:	4	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440480.7
Code OB Desc:	Bedrock	***North83:***	5024722
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	5/25/1951	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008520
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008521
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth: 4
Formation End Depth: 79
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10578584
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930052685
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 79
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930052684
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 11
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991507979
Pump Set At:
Static Level: 10
Final Level After Pumping: 15
Recommended Pump Depth:
Pumping Rate: 7
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: N

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

Water Details

Water ID:	933462297
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
29	1 of 1	SE/223.3	81.9 / 2.00	lot 28 con 2 ON	WWIS

Well ID:	1510601	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/5/1950
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3725
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY (NEPEAN)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	028
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:	10032627	***Elevation:***	81.928474
DP2BR:	11	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440385.7
Code OB Desc:	Bedrock	***North83:***	5024582
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/1/1949	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015337
Layer:	2
Color:	
General Color:	
Mat1:	08
Most Common Material:	FINE SAND
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015340
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015341
Layer: 6
Color: 6
General Color: BROWN
Mat1: 26
Most Common Material: ROCK
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 75
Formation End Depth: 115
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015339
Layer: 4
Color: 6
General Color: BROWN
Mat1: 26
Most Common Material: ROCK
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 48
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015336
Layer: 1

Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015338
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	11
Formation End Depth:	48
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10581197
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930057831
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:	930057830
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:	
Depth To:	11
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510601
Pump Set At:	
Static Level:	10
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933465627
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	110
Water Found Depth UOM:	ft

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30 ***1 of 1*** ***SW/224.2*** ***80.9 / 1.00*** ***ON*** ***BORE***

Borehole ID:	612749	**Inclin FLG:**	No
OGF ID:	215514055	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	6.1	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.372195
Total Depth m:	-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 Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	82.3		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218392342	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	

Bottom Depth:	.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218392343	**Mat Consistency:**	
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	6.1	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218392344	**Mat Consistency:**	
Top Depth:	6.1	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	White	**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK. WHITE, WATER STABLE AT 240.0 FEET.00013 008 00025 010 00013009000250930000 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	H	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 052570 NTS_Sheet: 31G05C		
Confiden 1:	Logged by professional. Exact and complete description of material and properties.		

Source List

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

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31 | ***1 of 1*** | ***ESE/224.3*** | ***80.9 / 1.00*** | ***lot 28 con 2 ON*** | ***WWIS***

Well ID:	1510600	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/8/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	

Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY (NEPEAN)
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	028
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:	10032626	***Elevation:***	80.715354
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440470.7
Code OB Desc:	Bedrock	***North83:***	5024682
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/15/1949	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015334
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015335
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	60

Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10581196
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930057829
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930057828
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 15
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510600
Pump Set At:
Static Level: 10
Final Level After Pumping: 15
Recommended Pump Depth:
Pumping Rate:
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:
Pumping Duration MIN:
Flowing: N

Water Details

Water ID:	933465626
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55
Water Found Depth UOM:	ft

32 **1 of 1** **SE/225.8** **81.9 / 2.00** **ON** **WWIS**

Well ID:	1508460	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/5/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3566
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:	10030494	**Elevation:**	81.88359
DP2BR:	7	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440415.7
Code OB Desc:	Bedrock	**North83:**	5024602
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/24/1950	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009724
Layer:	2
Color:	
General Color:	
Mat1:	06
Most Common Material:	SILT
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	2
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009725
Layer:	3
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	7
Formation End Depth:	131
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009723
Layer:	1
Color:	
General Color:	
Mat1:	01
Most Common Material:	FILL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10579064
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053633
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	17
Casing Diameter:	4

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508460
Pump Set At:	
Static Level:	2
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	9
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933462970
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	125
Water Found Depth UOM:	ft

Water Details

Water ID:	933462969
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

Water Details

Water ID:	933462971
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	131
Water Found Depth UOM:	ft

Water Details

Water ID:	933462968
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

33	***1 of 1***	***SE/226.1***	***81.9 / 2.00***	***ON***	***WWIS***

Well ID:	1508462	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/1/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030496	**Elevation:**	81.904243
DP2BR:	10	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440390.7
Code OB Desc:	Bedrock	**North83:**	5024582
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/14/1951	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009728
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009729
Layer:	2
Color:	
General Color:	

Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 56
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10579066
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053637
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 56
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053636
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508462
Pump Set At:
Static Level: 8
Final Level After Pumping: 8
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1

Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933462973
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	56
Water Found Depth UOM:	ft

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34 ***1 of 1*** ***E/229.0*** ***79.9 / 0.00*** ***ON*** ***WWIS***

Well ID:	1508149	**Data Entry Status:**	
Construction Date:		**Data Src:**	8
Primary Water Use:	Domestic	**Date Received:**	9/7/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030184	**Elevation:**	81.051177
DP2BR:	8	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440490.7
Code OB Desc:	Bedrock	**North83:**	5024802
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/31/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008926
Layer:	2

Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	150
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008925
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10578754
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930053029
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	150
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930053028
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:	
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991508149
Pump Set At:	
Static Level:	30
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	1
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:	N

Water Details

Water ID:	933462543
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	150
Water Found Depth UOM:	ft

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35 ***1 of 1*** ***ESE/230.0*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	1508142	**Data Entry Status:**	
Construction Date:		**Data Src:**	8
Primary Water Use:	Domestic	**Date Received:**	9/7/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-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:	10030177	**Elevation:**	80.576293
DP2BR:	10	**Elevrc:**	

Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440480.7
Code OB Desc:	Bedrock	***North83:***	5024692
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/27/1953	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931008910
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	118
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931008909
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

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:	N

Water Details

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

36	***1 of 1***	***WSW/230.5***	***79.9 / 0.00***	***SOMERSET TOWERS*** ***2045 CARLING AVENUE*** ***OTTAWA ON K2A 1G5***	***GEN***

Generator No:	ON5955870	***PO Box No:***	
Status:		***Country:***	Canada
Approval Years:	2016	***Choice of Contact:***	CO_OFFICIAL
Contam. Facility:	No	***Co Admin:***	
MHSW Facility:	No	***Phone No Admin:***	

SIC Code: 238291
SIC Description: ELEVATOR AND ESCALATOR INSTALLATION CONTRACTORS

Detail(s)

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

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37 | **1 of 1** | **E/232.7** | **79.9 / 0.00** | **ON** | **WWIS**

Well ID: 1508151
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/10/1954
Selected Flag: Yes
Abandonment Rec:
Contractor: 4825
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: OTTAWA CITY
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10030186
DP2BR: 8
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/2/1954
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 80.861633
Elevrc:
Zone: 18
East83: 440490.7
North83: 5024822
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931008930
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:

Other Materials:
Formation Top Depth: 8
Formation End Depth: 158
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931008929
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10578756
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053033
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 158
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053032
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991508151
Pump Set At:	
Static Level:	25
Final Level After Pumping:	45
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933462546
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140
Water Found Depth UOM:	ft

Water Details

Water ID:	933462545
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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38 ***1 of 2*** ***E/241.3*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID:	1508387	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	4/17/1953
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3725
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-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:	10030421	**Elevation:**	80.486244
DP2BR:	10	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	440500.7
Code OB Desc:	Bedrock	**North83:**	5024722
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	1/23/1953	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009551
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009552
Layer:	2
Color:	1
General Color:	WHITE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	175
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10578991

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930053491
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053490
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 18
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508387
Pump Set At:
Static Level: 15
Final Level After Pumping: 15
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933462870
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65
Water Found Depth UOM: ft

38 ***2 of 2*** ***E/241.3*** ***80.9 / 1.00*** ***ON*** ***WWIS***

Well ID: 1508392
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src: 1
Date Received: 1/30/1956

Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3701
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:	10030426	***Elevation:***	80.486244
DP2BR:	4	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	440500.7
Code OB Desc:	Bedrock	***North83:***	5024722
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	9/27/1955	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931009562
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	4
Formation End Depth:	200
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931009561
Layer:	1
Color:	
General Color:	
Mat1:	06
Most Common Material:	SILT
Mat2:	

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1
Method Construction: 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: OPEN HOLE
Depth From:
Depth To: 200
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930053500
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991508392
Pump Set At:
Static Level: 30
Final Level After Pumping: 70
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933462879
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 200
Water Found Depth UOM: ft

Water Details

Water ID: 933462878
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 150
Water Found Depth UOM: ft

Unplottable Summary

Total: 35 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	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	
CA	City of Ottawa	Carling Ave	Ottawa ON	
CA	NORTHERN TELECOM LTD., CARLING CAMPUS	CARLING AVENUE (SWM)	NEPEAN ON	
CA	MOBIUS DEVELOPMENTS LTD.	PT.LOT 28/C-1,CROSSROAD HOME C	NEPEAN ON	
CA	WESMAR HOMES LTD.	CARLING AVE.	NEPEAN CITY ON	
CA	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>	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

Database: ***CA***

Certificate #: 7-1008-85-006
Application Year: 85
Issue Date: 11/15/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CA***

Certificate #: 3615-6QHRAR
Application Year: 2006
Issue Date: 6/13/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Killeen Ave Ottawa ON

Database: ***CA***

Certificate #: 4171-7F4KG2
Application Year: 2008
Issue Date: 6/2/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***City of Ottawa***
Carling Ave Ottawa ON

Database: ***CA***

Certificate #: 2472-8GRQTN
Application Year: 2011

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

Site: ***NORTHERN TELECOM LTD., CARLING CAMPUS***
CARLING AVENUE (SWM) NEPEAN ON

Database: ***CA***

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

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

Database: ***CA***

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

Site: ***WESMAR HOMES LTD.***
CARLING AVE. NEPEAN CITY ON

Database: ***CA***

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

Site: ***OTTAWA CITY***
KILLEEN AVE. OTTAWA CITY ON

Database: ***CA***

Certificate #: 3-1184-86-
Application Year: 86
Issue Date: 8/22/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***ECA***

Approval No: 4564-8NQP8Y
Approval Date: 2011-11-18
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Lots of 28 and 29, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0943-8NAPFR-14.pdf

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

Database: ***ECA***

Approval No: 1134-8Q9MGA
Approval Date: 2012-01-12
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Lots of 28 and 29, Concession 1
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9252-8PRM83-14.pdf

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

Database: ***ECA***

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

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Site: ***City of Ottawa***

Database: ***ECA***

Carling Ave Ottawa ON K2G 6J8

Approval No:	3723-9ATJC6	***MOE District:***	
Approval Date:	2013-08-30	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Carling Ave		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9325-9AMR2C-14.pdf		

Site: ***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

Database: ***GEN***

Generator No:	ON0095617	***PO Box No:***	
Status:		***Country:***	
Approval Years:	92,93,94,95,96,97	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8635		
SIC Description:	PUB. HEALTH CLINICS		

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

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

Database: ***RSC***

RSC ID:		***Cert Date:***	
RA No:		***Cert Prop Use No:***	
RSC Type:		***Intended Prop Use:***	
Curr Property Use:		***Qual Person Name:***	
Ministry District:	Guelph	***Stratified (Y/N):***	N
Filing Date:	06/02/99	***Audit (Y/N):***	N
Date Ack:	06/02/99	***Entire Leg Prop. (Y/N):***	
Date Returned:		***Accuracy Estimate:***	
Restoration Type:	Generic	***Telephone:***	
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:			

Site: ***City of Ottawa***
CARLING AVE., IN FRONT OF WESTGATE SHOPPING CENTRE<UNOFFICIAL> Ottawa ON

Database: ***SPL***

Ref No:	7707-5XRK48	***Discharger Report:***	
Site No:		***Material Group:***	Chemical
Incident Dt:	4/5/2004	***Health/Env Conseq:***	
Year:		***Client Type:***	

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

Site: ***Database:*** ***SPL***

denied s. 21(1) Ottawa ON

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

Site: ***OTTAWA TRANSIT*** ***Database:*** ***SPL***

CARLING AVENUE BUS 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:***	

Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	PUBLIC WORKS, FIRE DEPARTMENT
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/29/2000	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC TRANSPO:DIESEL FUEL LEAK FROM FUEL PUMP/LINE INTO SEWER-WORKS NOTIFIED		
Contaminant Qty:			

Site: ***HOTEL/MOTEL***
CARLING AVENUE (N.O.S.) OTTAWA CITY ON

Database: ***SPL***

Ref No:	84065	***Discharger Report:***	
Site No:		***Material Group:***	
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:***	
Environment Impact:	CONFIRMED	***Site Municipality:***	20101
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:***	
MOE Reported Dt:	4/14/1993	***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		
Contaminant Qty:			

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

Database: ***SPL***

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

Site County/District:
Site Geo Ref Meth:
Incident Summary: O.C. TRANSPO - UNKNOWN AMOUNT OF MOTOR OIL TO RD. & SEWER FROM BUS.
Contaminant Qty:

Site: ***NATIONAL DEFENCE***
SHERLY'S BAY (PROPERTY) OFF CARLING AVE. FUEL 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:**	
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:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	4/11/2002	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	UNKNOWN	**Source Type:**	

Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: NATIONAL DEFENCE, LEAKING UST, INSTALLED PRE 1980 UNKNOW VOLUME TO GRND
Contaminant Qty:

Site:
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:	10047822	**Elevation:**	
DP2BR:	101	**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:

UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

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: 0
Formation End Depth: 101
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

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:

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: N

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

Pump Test Detail ID: 934106265
Test Type: Draw Down

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

Site:

lot 27 ON

Database: ***WWIS***

Well ID:	1518033	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Cooling And A/C	***Date Received:***	12/13/1982
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	027
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:	10039904	***Elevation:***	
DP2BR:	15	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/29/1982	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID: 931037130
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2: 85
Other Materials: SOFT
Mat3:
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: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 15
Formation End Depth UOM: ft

Method of Construction & Well

Use

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

Casing ID: 930069712
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 23
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518033
Pump Set At:
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: N

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

Site:
lot 28 ON

Database:
WWIS

Well ID:	1526470	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Not Used	***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 ID:	10048176	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

Date Completed: 6/18/1992
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

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

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

Formation ID: 931064255
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Other Materials: GRAVEL
Mat3: 06
Other Materials: SILT
Formation Top Depth: 25
Formation End Depth: 31
Formation End Depth UOM: ft

Method of Construction & Well Use

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

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

Construction Record - Screen

Screen ID: 933326403
Layer: 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

Database:
WWIS

Well ID:	1527490	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	10/6/1993
Sec. Water Use:	Municipal	***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	4006
Casing Material:		***Form Version:***	1
Audit No:	126283	***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 ID:	10049129	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	9/21/1993	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Mat1: 28
Most Common Material: SAND
Mat2: 06
Other Materials: SILT
Mat3: 11
Other Materials: GRAVEL
Formation Top Depth: 17
Formation End Depth: 21
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931066809
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 30
Other Materials: MEDIUM GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 21
Formation End Depth: 35
Formation End 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: 10597699
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085799
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: 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:	16
Screen End Depth:	36
Screen Material:	
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

Site:
con 1 ON

Database:
WWIS

Well ID:	1528250	***Data Entry Status:***	
Construction Date:		***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

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

Date Completed: 10/11/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

Plug ID: 933113110
Layer: 3

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

Construction Record - Screen

Screen ID: 933326510
Layer: 1
Slot: 100
Screen Top Depth: 5
Screen End Depth: 10
Screen Material:
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

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1528855
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 135092
Tag:
Construction Method:

Data Entry Status:
Data Src: 1
Date Received: 2/21/1996
Selected Flag: Yes
Abandonment Rec:
Contractor: 6629
Form Version: 1
Owner:
Street Name:
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:	10050391	***Elevation:***	
DP2BR:	55	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	6/27/1995	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931071018
Layer:	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

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

Formation ID: 931071020
Layer: 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 Use

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

Pipe Information

Pipe ID: 10598961
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930088072
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 58
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

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 ID: 933488725

Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97
Water Found Depth UOM:	ft

Site:
con 2 ON

Database:
WWIS

Well ID:	1529331	***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:	169510	***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:	10050867	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***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:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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: 930088796
Layer: 1
Material: 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

Screen ID: 933326679
Layer: 1
Slot: 010

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

Database: ***WWIS***

Well ID: 1529332
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169509
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/14/1997
Selected Flag: Yes
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050868
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 12/18/1996
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

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

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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:

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: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

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

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1529333
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169508
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/14/1997
Selected Flag: Yes
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050869
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 12/18/1996
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID:	931072419
Layer:	2
Color:	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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

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

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: 930088798
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 18
Casing Diameter: 2
Casing Diameter UOM: 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

Site:
lot 27 ON

Database: ***WWIS***

Well ID: 1517372
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 11/13/1980
Selected Flag: Yes
Abandonment Rec:
Contractor: 2425
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 027
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039247
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 10/8/1980
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 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

Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 105
Formation End Depth UOM: 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: Rotary (Air)
Other Method Construction:

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: STEEL
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:

Pumping Duration MIN:
Flowing: N

Water Details

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

Site:
con 1 ON

Database: ***WWIS***

Well ID: 1534064
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 248010
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/9/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10543179
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 8/12/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 11091749
Casing No: 1

Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 1 ON

Well ID: 1532635
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 235219
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 1/17/2002
Selected Flag: Yes
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10523764
DP2BR:
Spatial Status:
Code OB: _
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 12/5/2001
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11072334
Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***
con 2 ON

Well ID: 1529562
Construction Date:
Primary Water Use: Commerical

Data Entry Status:
Data Src: 1
Date Received: 8/12/1997

Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169530
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:

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

Bore Hole Information

Bore Hole ID: 10051097
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 2/4/1997
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 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 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: 10
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114578
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114579
Layer: 2
Plug From: 1
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114580
Layer: 3
Plug From: 3
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: 10599667
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930089192
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 10
Casing Diameter: 1
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 933326721
Layer: 1
Slot: 010
Screen Top Depth: 5
Screen End Depth: 10

Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1

Water Details

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

Site:
con 2 ON

Database: ***WWIS***

Well ID: 1529561
Construction Date:
Primary Water Use: Commerical
Sec. Water Use: Municipal
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 169526
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/12/1997
Selected Flag: Yes
Abandonment Rec:
Contractor: 6844
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051096
DP2BR:
Spatial Status:
Code OB: o
Code OB Desc: Overburden
Open Hole:
Cluster Kind:
Date Completed: 2/5/1997
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931073140
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

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: 10599666
Casing No: 1
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

Site:
con 2 ON

Database:
WWIS

Well ID:	1529560	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	8/12/1997
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	6844
Casing Material:		***Form Version:***	1
Audit No:	169523	***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:	10051095	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	
Code OB Desc:	Overburden	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9

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

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

Annular Space/Abandonment Sealing Record

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

Annular Space/Abandonment Sealing Record

Plug ID: 933114572
Layer: 1
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933114573
Layer: 2

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 ID: 933326719
Layer: 1
Slot: 010
Screen Top Depth: 8
Screen End Depth: 13
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 2

Water Details

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

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Jul 31, 2019

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Chemical Register: Private CHEM

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

Government Publication Date: 1999-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.

Government Publication Date: Dec 2012 - Nov 2019

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Sep 2019

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Nov 30, 2019

Drill Hole Database: Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Nov 30, 2019

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Nov 30, 2019

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Nov 30, 2019

Environmental Effects Monitoring: Federal EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Oct 31, 2019

Environmental Issues Inventory System: Federal EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

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

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Aug 2019

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

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

Government Publication Date: 1964-Sep 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jul 31, 2019

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing 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: Provincial LIMO

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

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2017

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

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

Government Publication Date: 2008-Jun 30, 2019

National Energy Board Wells: Federal NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

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

Government Publication Date: 1988-Aug 31, 2019

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Nov 30, 2019

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: 1988-Nov 2019

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Nov 30, 2019

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Jul 31, 2019

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Nov 30, 2019

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

18 440325
9 5024440
9 0265
25

265

31G5c

10604

ONTARIO

RECEIVED
AUG - 8 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

OTTAWA

[redacted]p, ~~Village, Town~~ or City) Nepean

[redacted]Town or City)

[redacted]s Cambridge St Ottawa

Date Completed Nov 1949 Cost of Well (excluding pump)
(day) (month) (year)

Pipe and Casing Record	Pumping Test
Casing diameter(s) 5 in	Date
Length(s) of casing(s) 14	Static level 10
Type of screen	Pumping level 15
Length of screen	Pumping rate
Distance from top of screen to ground level	Duration of test
Is well a gravel-wall type?	Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh

Quality (hard, soft, contains iron, sulphur, etc.)

Appearance (clear, cloudy, coloured) clear

For what purpose(s) is the water to be used? house

How far is well from possible source of contamination?

What is the source of contamination?

Enclose a copy of any mineral analysis that has been made of water

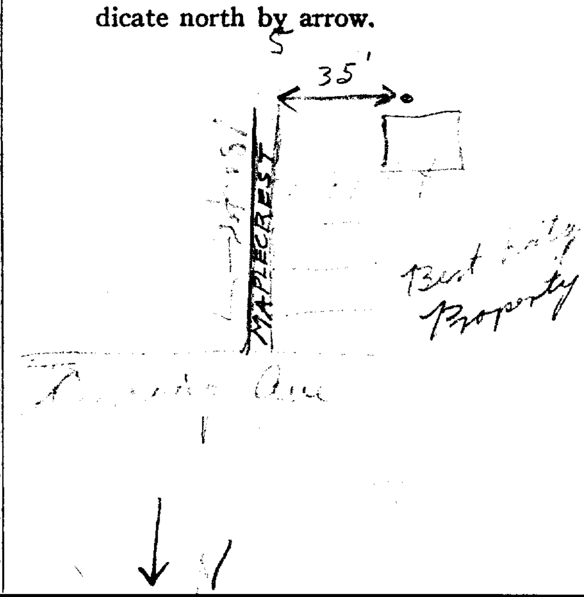
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
80	Hard	70

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
Clay	1	5
Gravel	5	10
White limestone	10	80

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?

Drilling Firm Gordon Mulligan

Address

Name of Driller John Monbourquette Address 103 Graham St

Date Licence Number

Signature of Licensee

Form 5

UTM 18 Z 440130 E
9 R 5024280 N
Elev. 9 R 0270
Basin 25

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

~~Township, Village, Town~~ or City ... Ottawa Ont
[redacted] Town or City) ...
[redacted] ... Piccadilly St ...
Date Completed ... (day) (month) (year) Cost of Well (excluding pump) ...

Pipe and Casing Record	Pumping Test
Casing diameter(s) ... 6 in	Date ... 6 Dec 1950
Length(s) of casing(s) ... 14 ft	Static level ... 7 ft
Type of screen ...	Pumping level ... 7 ft
Length of screen ...	Pumping rate ... 350 gal per h.
Distance from top of screen to ground level ...	Duration of test ... ½ hr.
Is well a gravel-wall type? ... No	Distance from cylinder or bowls to ground level ...

Water Record

Kind (fresh or mineral) ... Fresh
Quality (hard, soft, contains iron, sulphur, etc.) ... hard
Appearance (clear, cloudy, coloured) ... Clear
For what purpose(s) is the water to be used? ... household
...
How far is well from possible source of contamination? ... 40 ft
What is the source of contamination? ... Septic tank
Enclose a copy of any mineral analysis that has been made of water ...

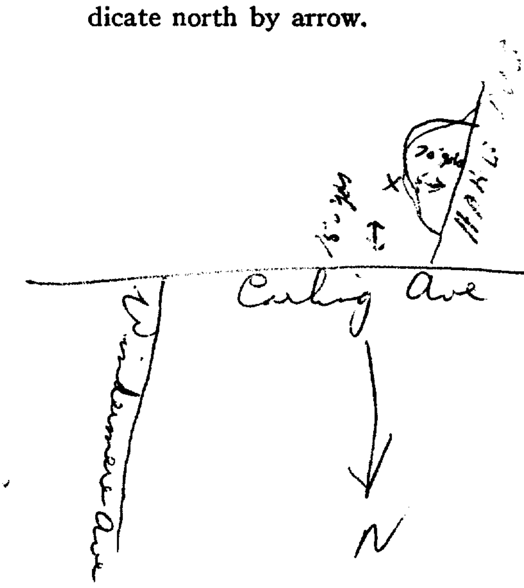
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
26 ft	Fresh	19 ft

Well Log

Overburden and Bedrock Record	From	To
~~So~~ Rocky Soil	0 ft.	4 ft.
grey limestone	4	62 ft
	62 ft	

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ... upland
Drilling Firm ... Gordon L. Mulligan
Address ... RR#1 Westboro Ont
Name of Driller ... Orr D. Hutt   Address c/o G. Mulligan RR#1 Westboro Ont
Date ... Dec 14th 1950   Licence Number ... 345
Orr D. Hutt
Signature of Licensee

Form 5

SABLING AVE.

36 .
E

UTM | 1 8 | Z | 4 4 0 4 5 0 | E

| 9 | R | 5 0 2 4 5 0 0 | N

Elev. | 9 | R | 0 2 6 0 |

Basin | 25 | | | | |

/ 181

15 № 7979

DEPARTMENT OF MINES
OCT 15 1951
TO

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or Territorial District Carleton Township, Village, Town or City Ottawa

[redacted] Town or City)

[redacted] s 431 Edison Lane

Date Completed (day) (month) (year) Cost of Well (excluding pump)

Pipe and Casing Record	Pumping Test
Casing diameter(s) 5"	Date May 25 1951
Length(s) of casing(s) 11'	Static level 10'
Type of screen	Pumping level 15'
Length of screen	Pumping rate 400 G.P.H.
Distance from top of screen to ground level	Duration of test 30 MIN
Is well a gravel-wall type? No	Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) Fresh

Quality (hard, soft, contains iron, sulphur, etc.) Hard

Appearance (clear, cloudy, coloured) Clear

For what purpose(s) is the water to be used? Household

How far is well from possible source of contamination? 50 Feet

What is the source of contamination? Septic Tank

Enclose a copy of any mineral analysis that has been made of water

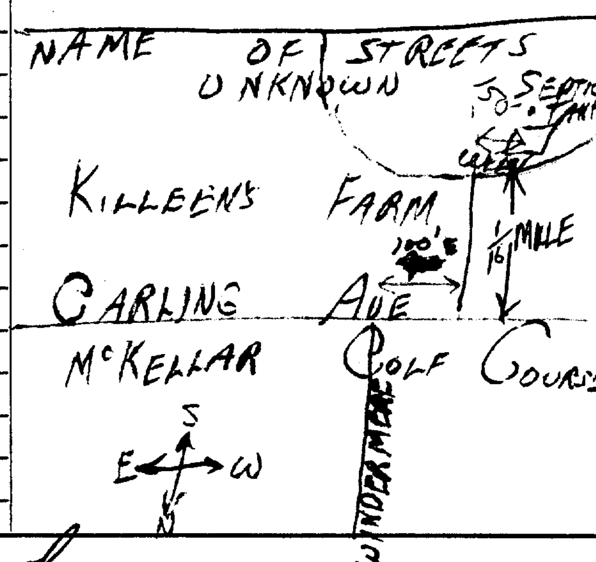
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
79'	Good	69'

Well Log

Overburden and Bedrock Record	From	To
Clay	0 ft.	4 ft.
Limestone	4'	79'

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? Upland

Drilling Firm F. R. Wellman

Address 578 Westminster

Name of Driller F. R. Wellman Address 578 Westminster

Date May 25 1951 Licence Number 242

F. R. Wellman
Signature of Licensee

Form 5

CARLING AVE.

UTM 1 18 Z 4 4 0 2 2 0 E
9 R 5 0 2 4 4 6 0 N
Elev. 9 R 0 2 6 0
Basin 25

RECEIVED
MAY 13 1952
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

15 No 7985

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted] ~~Village, Town or~~ City... Ottawa

[redacted] Town or City)...

[redacted] Cambridge St Ottawa

Date Completed 19 (day) ... (month) /51 (year) Cost of Well (excluding pump)...

Pipe and Casing Record

Casing diameter(s) 5

Length(s) of casing(s) 20

Type of screen

Length of screen

Distance from top of screen to ground level

Is well a gravel-wall type?

Pumping Test

Date

Static level 35

Pumping level 45

Pumping rate

Duration of test

Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh

Quality (hard, soft, contains iron, sulphur, etc.) hard

Appearance (clear, cloudy, coloured) clear

For what purpose(s) is the water to be used? house

How far is well from possible source of contamination?

What is the source of contamination?

Enclose a copy of any mineral analysis that has been made of water

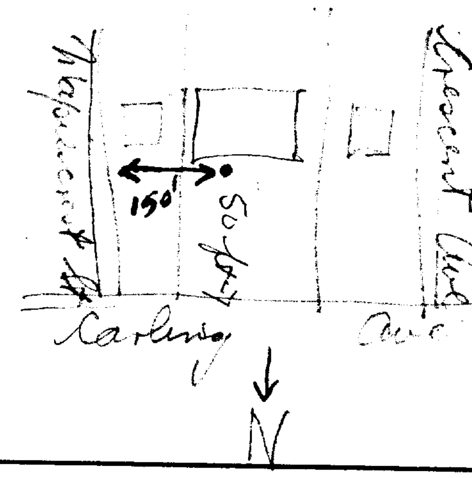
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
100		65

Well Log

Overburden and Bedrock Record	From 0 ft.	To ....ft.
Clay	0	3
Gravel	3	7
White Limestone	7	120

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?

Drilling Firm Gordon L. Mulligan

Address Westboro RR 2

Name of Driller John L. Munkavey Address 703 Gilmour St

Date Licence Number 442

FORM 5

Signature of Licensee

Carling Ave.

UTM 18 Z 4401135 E 952
19 R 5024400 N
Elev. 9 R 0260
Basin 25

RECEIVED 15
NOV 21 1952
GEOLOGICAL BRANCH
DEPARTMENT of MINES

№ 7991

X

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

Carleton

[redacted] Village, Town or City Ottawa
[redacted] (Village, Town or City)
[redacted] Hare ave

Date Completed Octobr 13 1952 Cost of Well (excluding pump)
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4	Date	Octobr 13 1952
Length(s) of casing(s)	22½	Static level	25 feet
Type of screen	—	Pumping level	30
Length of screen	—	Pumping rate	133 gal
Distance from top of screen to ground level		Duration of test	½ hr
Is well a gravel-wall type?	—	Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured) Clear
For what purpose(s) is the water to be used? house hold use
How far is well from possible source of contamination? —
What is the source of contamination? none
Enclose a copy of any mineral analysis that has been made of water

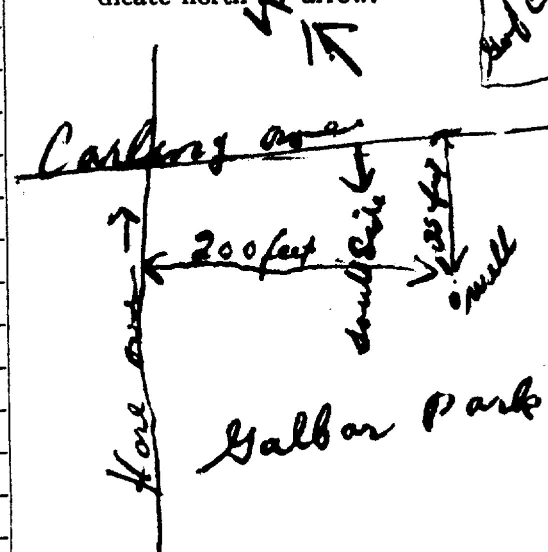
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
51 feet	fresh	26

Well Log — Overburden and Bedrock Record	From	To
	0 ft.	....ft.
Hard pan	0	20
Rock Limestone	20	52½

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.

Ned Comm



Situation: Is well on upland, in valley, or on hillside? upland
Drilling Firm Gordon S. Mulligan
Address 48 McLean Ottawa
Name of Driller James Kittles Address Ramsayville
Date Octobr 13 Licence Number 637

James Kittles
Signature of Licensee

Form 5

Carling Ave

UTM 18 Z 414013810 E
9 R 5012145161 0 N

Elev. 9 R 012610

Basin 25

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

15 No 8000

RECEIVED
OCT - 6 1955
GEOLOGICAL BRANCH
DEPARTMENT of MINES

Water-Well Record

County or Territorial District Carleton — ~~Township, Village, Town or~~ City Ottawa

[redacted] Village, Town or City) 1940 Carling Ave

[redacted] ddress

Date completed ..... (day) ..... (month) ..... (year)

Pipe and Casing Record

Casing diameter(s) 4

Length(s) 70

Type of screen

Length of screen

Pumping Test

Static level 8'

Pumping rate 300 g.p.m.

Pumping level 16'

Duration of test ½ hr

Well Log

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)
Earth	0	8	60	40	
Light Grey Limestone	8	100	100	88 92	Fresh.

Water Record

For what purpose(s) is the water to be used? Domestic

Is water clear or cloudy? Clear

Is well on upland, in valley, or on hillside? Hillside

Drilling firm S.H. Mulligan

Address Britannia Bay RR# 1 Ont

Name of Driller C.V. Petry

Address Britannia Bay RR# 1 Ont

Licence Number 442

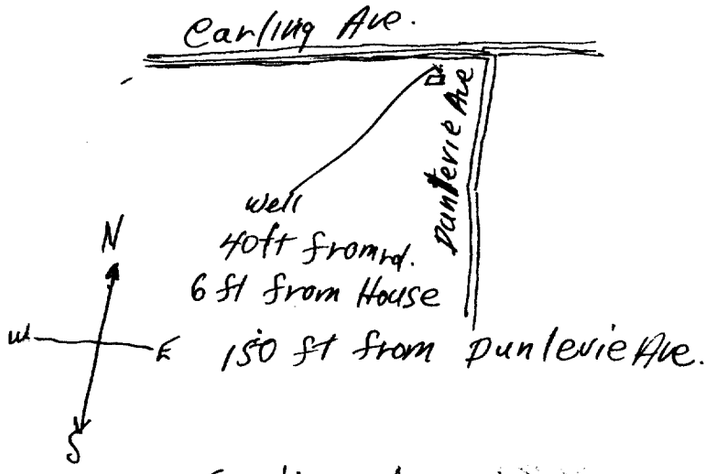
I certify that the foregoing statements of fact are true.

Date Oct 3 C.V. Petry

Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Form 5

UTM 1 18 Z 4 4 0 4 4 5 E
#50
9 R 5 0 2 4 5 0 0 N

Elev. 9 R 0 2 6 5

Basin 2 5

15 No. 8132

RECEIVED
APR - 3 1952
GEOLOGICAL BRANCH
DEPARTMENT of MINES

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or Territorial District Carleton [redacted] City ....Ottawa....

[redacted] own or City)....

[redacted] ....Westboro P.O.

[redacted] (day) (month) (year) Cost of Well (excluding pump)....

Pipe and Casing Record		**Pumping Test**	
Casing diameter(s)	5"	Date	JAN 11 1952
Length(s) of casing(s)	20'	Static level	8'
Type of screen		Pumping level	20'
Length of screen		Pumping rate	300 G.p.H
Distance from top of screen to ground level		Duration of test	30 Min.
Is well a gravel-wall type?	No	Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)....... Fresh

Quality (hard, soft, contains iron, sulphur, etc.)..... Hard

Appearance (clear, cloudy, coloured)........ Clear

For what purpose(s) is the water to be used?... Household

How far is well from possible source of contamination?....... 50 Ft.

What is the source of contamination?...... Septic Tank

Enclose a copy of any mineral analysis that has been made of water............

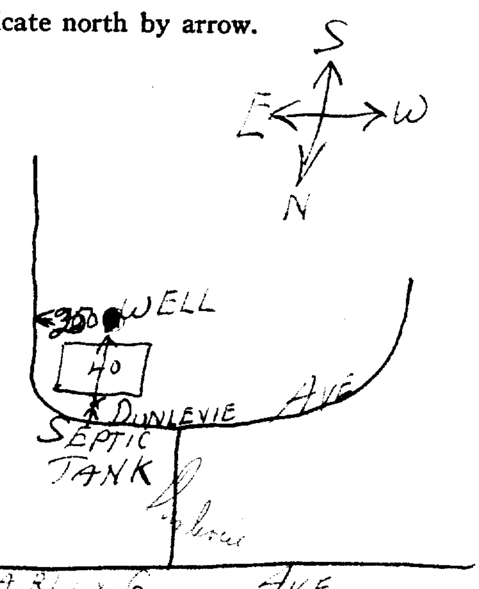
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
90'	GOOD	82'

Well Log

Overburden and Bedrock Record	From	To
Overburden	0 ft.	5 ft.
Limestone	5 ft.	90 ft.

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?.... Upland

Drilling Firm.... B.R.Wellman

Address.... 578 Westminster Ave.

Name of Driller.... B.R.Wellman Address.... 578 Westminster

Date.... Jan. 11 1952 Licence Number.... 242

B. R. Wellman

Signature of Licensee

Form 5

Dunlevie Ave.

15 No 8135

UTM 18 Z 414013190 E
09 R 5012141815 N

Elev. 9 R 012615

Basin 25

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

RECEIVED
APR - 3 1952
GEOLOGICAL BRANCH
DEPARTMENT of MINES

Water Well Record

[redacted] Township, Village, Town or City Ottawa

[redacted] (Town or City)

[redacted] Ottawa

Date Completed 2 / 4 / 52 (day) (month) (year) Cost of Well (excluding pump)

Pipe and Casing Record

Casing diameter(s) 4 in
Length(s) of casing(s) 22 ft
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Pumping Test

Date 27/2/52
Static level 13 ft
Pumping level 4 ft
Pumping rate 4 gal/½ hr
Duration of test
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) Fresh
Quality (hard, soft, contains iron, sulphur, etc.) Hard
Appearance (clear, cloudy, coloured) Clear
For what purpose(s) is the water to be used? Domestic

How far is well from possible source of contamination?
What is the source of contamination?
Enclose a copy of any mineral analysis that has been made of water

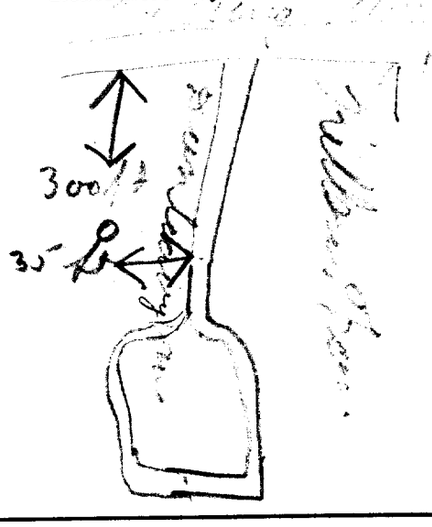
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
50		

Well Log

Overburden and Bedrock Record	From	To
Earth	0 ft.	6 ft.
Sand	6	12
Limestone	12	105

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?
Drilling Firm A. D. Milligan
Address [illegible]
Name of Driller [illegible] Address 214 Bracebridge
Date 2/4/52 Licence Number
Signature of Licensee

Form 5

Dunlevie Ave

UTM |1|8| Z |4|4|0|4|2|0| E 1952
|9| R |5|0|2|4|3|7|0| N
Elev. |9| R |0|2|7|0|
Basin |2|5| | | | |

15 No. X 8141

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

Carleton
[redacted] ~~Village, Town or~~ City Ottawa
[redacted] wn or City)
[redacted] Dunlevie ave
Date Completed Dec. 5 1952 Cost of Well (excluding pump)
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4 inch	Date	Dec 5
Length(s) of casing(s)	22 feet	Static level	9 feet
Type of screen		Pumping level	9 feet
Length of screen		Pumping rate	122 gal
Distance from top of screen to ground level		Duration of test	3 h
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) Clear
For what purpose(s) is the water to be used?
house hold use only
How far is well from possible source of contamination? 25 feet
What is the source of contamination? low ground
Enclose a copy of any mineral analysis that has been made of water

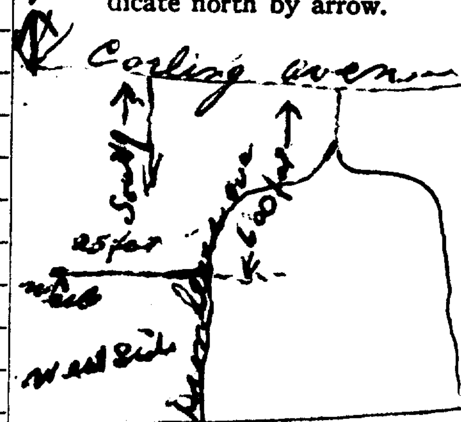
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
33	fresh	24

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
earth	0	13
bed rock	13	61

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? Valley
Drilling Firm Gordon S. Mulligan
Address 487 McLeon Street Ottawa
Name of Driller James Kellar Address Ramsayville Ont
Date December 5 1952 Licence Number 039
James Kellar
Signature of Licensee

Form 5

Dunlevie Ave

UTM 18 Z 441045 E
9 R 5024470 N
Elev. Do Not Publish 0270
Basin Information Not Reliable
25

ONTARIO

RECEIVED
SEP 1953
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

15 No. X142

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted], Village, Town or City Ottawa
[redacted] own or City)
[redacted] Brittannia Bay
Date Completed 27 (day) July (month) 1953 (year) Cost of Well (excluding pump)

Pipe and Casing Record

Casing diameter(s) 4" smooth Mulligan Record
Length(s) of casing(s) 20'
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Pumping Test

Date July 27/53
Static level 16 feet
Pumping level
Pumping rate
Duration of test 1/2 hr
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) mineral
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured)
For what purpose(s) is the water to be used? domestic

How far is well from possible source of contamination? 50'
What is the source of contamination? septic tank
Enclose a copy of any mineral analysis that has been made of water

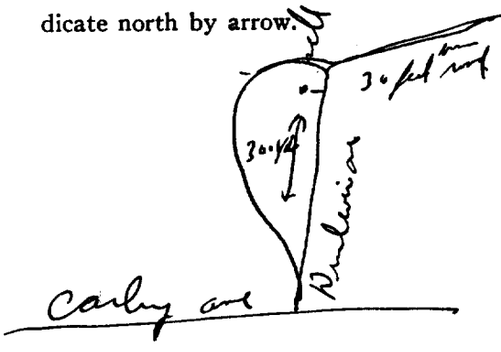
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
116	fresh	100 feet

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
1 to 10 feet feet clay		
10 to 118 feet Grey limestone	10	118

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? upland
Drilling Firm. Gordon Mulligan
Address 488 MacLaren St.
Name of Driller Marie Renaud Address 427 Clarence St.
Date Licence Number

Signature of Licensee

FORM 5

Dunlevie Ave

UTM 1 8 z 4 4 0 4 0 0 E

9 R 5 0 2 4 5 2 0 N

Elev. 9 R — DO NOT PUBLISH — 0260

Basin — Information Not Reliable

25

SEP ... 1954 GEOLOG... BRANCH DEPARTMENT OF MINES

15 № 8143

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted] ~~p, Village, Town~~ or City.... Ottawa

[redacted] Town or City)....

[redacted] s.... Dunlevy Ave.

Date Completed.... 8 .... August .... 1953 Cost of Well (excluding pump)....
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Date	Aug. ~~July~~ 8
Length(s) of casing(s)	20'	Static level	18 feet
Type of screen		Pumping level	20 feet
Length of screen		Pumping rate	18 gals
Distance from top of screen to ground level		Duration of test	1/2 hr
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral).... fresh

Quality (hard, soft, contains iron, sulphur, etc.).... hard

Appearance (clear, cloudy, coloured).... Clear

For what purpose(s) is the water to be used?.... Domestic

How far is well from possible source of contamination?.... 50'

What is the source of contamination?.... Septic tank

Enclose a copy of any mineral analysis that has been made of water....

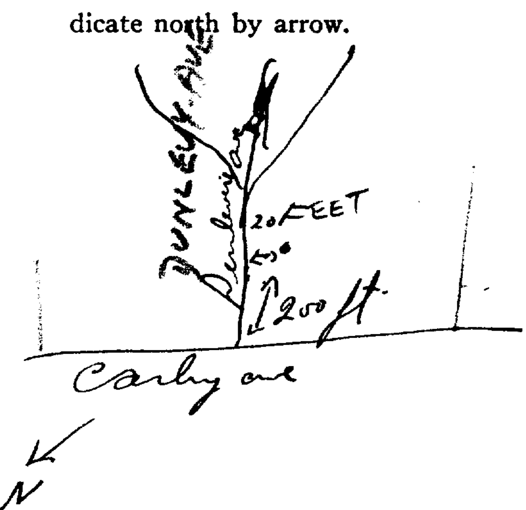
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
75	fresh	57'
95		
109 feet		

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
1 - 5 feet cly loam		
5 to 12 feet gravel and boulders		
12 to 110 feet bly and gray limestone		

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?.... level

Drilling Firm.... Gordon Mulligan

Address.... 488 MacLaren St.

Name of Driller.... Moise Renaud. Address.... 427 Clarence St.

Date.... Licence Number....

Signature of Licensee

Form 5

Dunlevie Ave

UTM 18 Z 440460 E
9 R 5024580 N
Elev. Q DO NOT PUBLISH 0260
Basin Information Not reliable
25

ONTARIO

RECEIVED
SEP 15 1954
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

15 No. 8149 X

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

[redacted] Village, Town or City Ottawa
[redacted] Town or City)
[redacted] 271 Cambridge
Date Completed 31 (day) Dec (month) 1953 (year) Cost of Well (excluding pump) 1953

Pipe and Casing Record

Casing diameter(s) 4"
Length(s) of casing(s) 20'
Type of screen
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type?

Pumping Test

Date Dec 31 /53
Static level 8' ft
Pumping level
Pumping rate /
Duration of test 1/2 hr
Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral)
Quality (hard, soft, contains iron, sulphur, etc.)
Appearance (clear, cloudy, coloured)
For what purpose(s) is the water to be used? Domestic
How far is well from possible source of contamination? 50'
What is the source of contamination? Septic tank
Enclose a copy of any mineral analysis that has been made of water

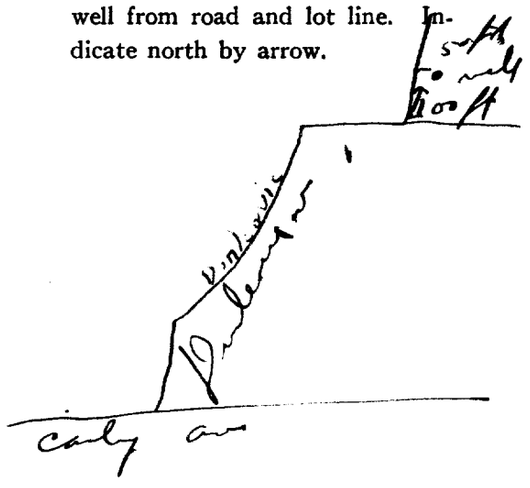
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
150	fresh	120'

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
1 to 8 ft. clay		
8 to 150 solid limestone		

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?
Drilling Firm Gordon Mulligan Construction Ltd
Address 488 MacLaren St
Name of Driller Marie Renaud Address 427 Clarence
Date Licence Number

Signature of Licensee

FORM 5

Dalhousie Ave

UTM 1 8 Z 4 4 0 4 6 0 E
1 9 R 5 6 2 4 6 0 0 N
26

Elev. 1 9 R 0 2 6 0

Basin 2 5

ONTARIO

RECEIVED 15 No. 8151
DEC 10 1954
GEOLOGICAL BRANCH
DEPARTMENT of MINES

X

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted], ~~Village, Town~~ or City Ottawa
own or City) ....
851 Dunlevie

Date Completed 2 (day) Aug (month) 54 (year) Cost of Well (excluding pump) ....

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	5"	Date	2 Aug 54
Length(s) of casing(s)	22'	Static level	25'
Type of screen		Pumping level	45 ft
Length of screen		Pumping rate	300 GPH
Distance from top of screen to ground level		Duration of test	1/2 hr.
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

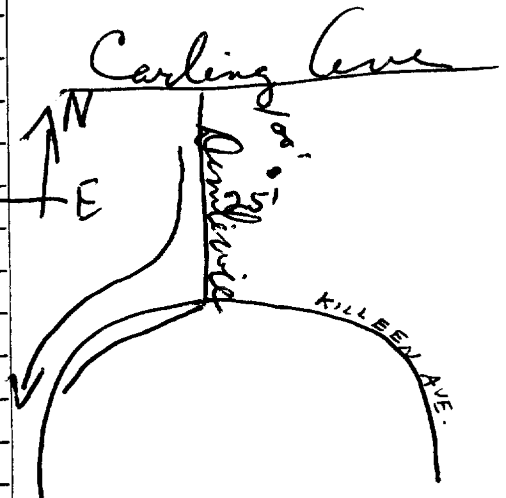
Kind (fresh or mineral) .... fresh
Quality (hard, soft, contains iron, sulphur, etc.) .... hard
Appearance (clear, cloudy, coloured) .... clear
For what purpose(s) is the water to be used? .... house
....
How far is well from possible source of contamination? .... 50 ft.
What is the source of contamination? .... Septic tank
Enclose a copy of any mineral analysis that has been made of water ....

Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
50-60	fresh	to 30
140-158	fresh	to 25'

Well Log		
Overburden and Bedrock Record	From	To
Clay	0 ft.	8 ft.
Limestone rock	8	158

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? hillside
Drilling Firm ....
Address ....
Name of Driller Ben E Sparks .... Address ....
Date Sept. 30/54 .... Licence Number 420

Ben E Sparks
Signature of Licensee

Form 5

CSS.88 Dunlevie Ave.

UTM 18 (33) Z 4 4 0 4 1 0 E
9 R 5 0 2 4 5 6 0 N
Elev. 9 R 0 2 6 0
Basin 25

ONTARIO

15 No. 8152

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

[redacted], Village, Town of City Ottawa
own or City)
851 Dunlevie

Date Completed 17 (day) Oct (month) 54 (year) Cost of Well (excluding pump)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	5"	Date	17 Oct 54
Length(s) of casing(s)	deepening	Static level	8 ft.
Type of screen	well of Nolan & McHugh	Pumping level	55 ft.
Length of screen		Pumping rate	300 GPH
Distance from top of screen to ground level		Duration of test	1/2 hr.
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? house

How far is well from possible source of contamination? 80 ft.
What is the source of contamination? Septic tank
Enclose a copy of any mineral analysis that has been made of water

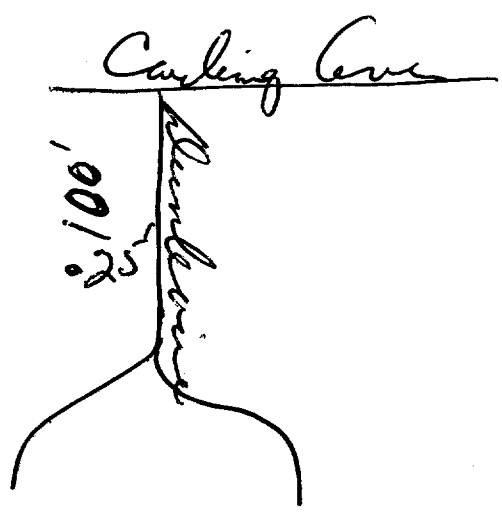
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
160-175	fresh	to 8 ft.

Well Log

Overburden and Bedrock Record	From	To
well was at	0 ft.	140 ft.
limestone to 175		
Previously drilled	0	140
Limestone	140	175

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? hillside
Drilling Firm
Address
Name of Driller Ben E. Sparks Address
Date Oct 18/54 Licence Number 420
Ben E. Sparks
Signature of Licensee

Form 5

C88.88 Dunlevie Ave

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

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed

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 From	Depth 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	
10		10	
15		15	
20		20	
25		25	
30		30	
40		40	
45		45	
50		50	
60		60	

Water Details

Water Found at Depth	Kind
50 ft	Fresh

Hole Diameter

Depth From	Depth To	Diameter

Audit Number:

Date Well Completed: June 14, 1950

Date Well Record Received by MOE: October 25, 1950

Updated: October 29, 2019

UTM 1 1 8 Z 4 4 0 5 0 0 E
1 9 R 5 0 2 4 5 4 0 N
Elev. 1 9 R 0 2 6 0
Basin 2 5

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

RECEIVED
JUL 28 1952
GEOLOGICAL BRANCH
DEPARTMENT of MINES

15 № 8385

Water Well Record

County or Territorial District Carling ~~Township, Village, Town or~~ City Ottawa Ont.

[redacted] own or City) Killean

[redacted] 260 Catherine

Date Completed ... June ... (day) (month) (year) Cost of Well (excluding pump)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4 inches	Date	Tues 24 June
Length(s) of casing(s)	21 ft.	Static level	12 ft.
Type of screen		Pumping level	18
Length of screen		Pumping rate	60 gal. hr.
Distance from top of screen to ground level		Duration of test	½ hr.
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) soft
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? house
How far is well from possible source of contamination? 62 ft.
What is the source of contamination?
Enclose a copy of any mineral analysis that has been made of water

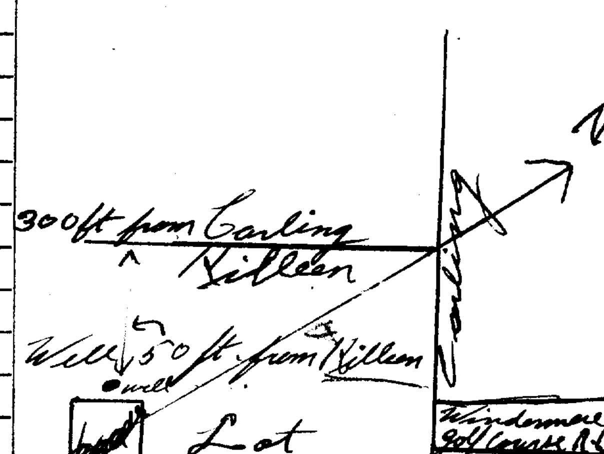
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
54 ft.	fresh	42 ft.

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
Clay	0	12
Blue shale	12	161

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? upland
Drilling Firm Gordon Mulligan
Address 488 MacLaren St. Ottawa Ont.
Name of Driller J. D. Tanner Address 282 Bay St
Date. Tues June 24/1952 Licence Number 564

J. D. Tanner
Signature of Licensee

Form 5

KILEEN AVE
~~Killeen Ave~~

UTM 1 1 8 Z 4 4 0 4 7 0 E
15 R 5 0 2 4 5 0 0 N
Elev. 4 R 0 2 6 0
Basin 2 5

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APR 17 1953
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

15 № 8387

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

Carleton
[redacted] ~~Village, Town~~ or City... Ottawa
[redacted] own or City)... City of Ottawa

Date Completed... 23 (day) Jan (month) 53 (year) ...Cost of Well (excluding pump)...

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	6 inches	Date	
Length(s) of casing(s)	18 feet	Static level	15'
Type of screen	x	Pumping level	15'
Length of screen	x	Pumping rate	300 gphr
Distance from top of screen to ground level	x	Duration of test	1 hr
Is well a gravel-wall type?	wall type	Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)... Fresh water
Quality (hard, soft, contains iron, sulphur, etc.)... hard
Appearance (clear, cloudy, coloured)... clear
For what purpose(s) is the water to be used?... drinking
How far is well from possible source of contamination?...
What is the source of contamination?...
Enclose a copy of any mineral analysis that has been made of water...

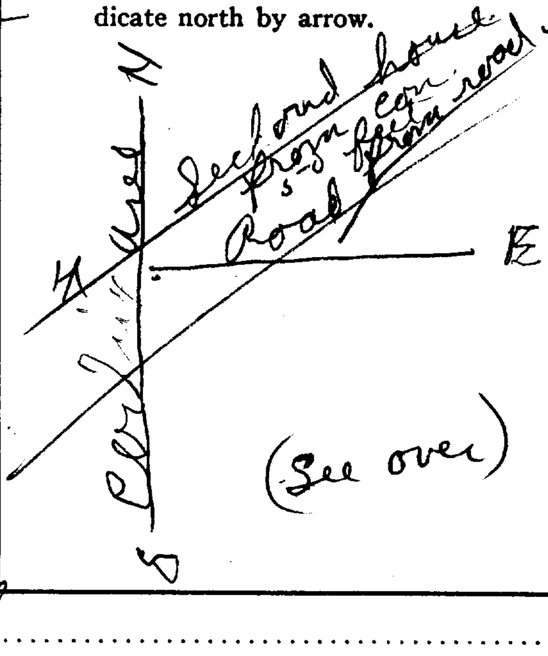
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
65	hard	to
80		
and		
stream		
further	on	

Well Log

Overburden and Bedrock Record	From	To
Overburden 10 feet bedrock	0 ft.	....ft.
sand and gravel	0	10
White limestone	10	175

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?... hill
Drilling Firm... Gordon Mulligan
Address... 470 McLean St Ottawa
Name of Driller... E. Doherty Address... 80 McLean St
Date... Licence Number... 507
E Doherty
Signature of Licensee

Form 5

KILEEN AVE
~~Killeen Ave~~

UTM 118 Z 4405000 E
9 R 5024560 N
Elev. 9 R 0260
Basin 25

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

RECEIVED
SEP - 1 1954
GEOLOGICAL BRANCH
DEPARTMENT of MINES

No. 8389

Water Well Record

[redacted] Township, Village, Town or City ... Ottawa
[redacted] Town or City) ...
[redacted] ... KILLEEN
Date Completed ... 2 (day) / JUNE (month) ... 54 (year) ... Cost of Well (excluding pump) ...

Pipe and Casing Record

Casing diameter(s) ... 5"
Length(s) of casing(s) ... 20'
Type of screen ...
Length of screen ...
Distance from top of screen to ground level ...
Is well a gravel-wall type? ...

Pumping Test

Date ... 2/JUNE 54
Static level ... 12
Pumping level ... 25'
Pumping rate ... 350 GPH
Duration of test ... 1 HOUR
Distance from cylinder or bowls to ground level ...

Water Record

Kind (fresh or mineral) ... FRESH
Quality (hard, soft, contains iron, sulphur, etc.) ... HARD
Appearance (clear, cloudy, coloured) ... CLEAR
For what purpose(s) is the water to be used? ... HOUSE
How far is well from possible source of contamination? ... 40'
What is the source of contamination? ... SEPTIC
Enclose a copy of any mineral analysis that has been made of water ...

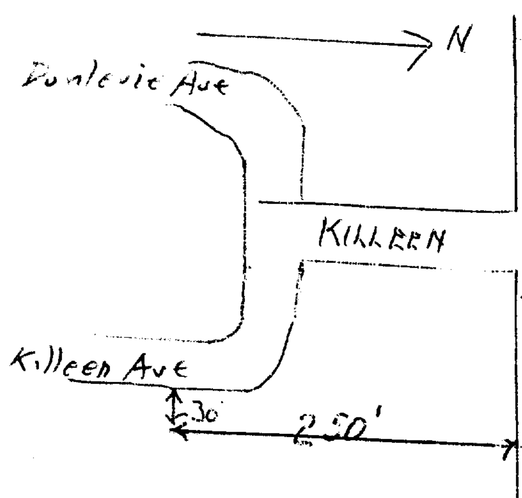
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
90	GOOD	50
137	"	125

Well Log

Overburden and Bedrock Record	From	To
CLAY	0 ft.	6 ft.
LIMESTONE	6	137

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ... UPLAND
Drilling Firm ... DOLAN - MCLOUGHNEY
Address ... 246 BREEZE HILL
Name of Driller ... F. FLEURY ... Address ...
Date ... Licence Number ...

... Signature of Licensee

FORM 5

KILEEN AVE
~~Killeen Ave~~

UTM |18| Z |4|4|0|4|1|0| E

|5| R |5|0|2|4|5|8|0| N

Elev. |4| R |0|2|6|0|

Basin |25| | | | |

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

RECEIVED
SEP - 1 1954
GEOLOGICAL BRANCH
DEPARTMENT of MINES

№ 8390 X

Water Well Record

[redacted] ~~ip, Village, Town or~~ City ... Ottawa ...

Town or City) ...

ss. KILLEEN AVE .... McCELLAR ...

Date Completed ... 21 (day) ... JUNE (month) ... 54 (year) ... Cost of Well (excluding pump) ...

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	5"	Date	
Length(s) of casing(s)	18'	Static level	10'
Type of screen		Pumping level	22
Length of screen		Pumping rate	350 GPH
Distance from top of screen to ground level		Duration of test	1 HOUR
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

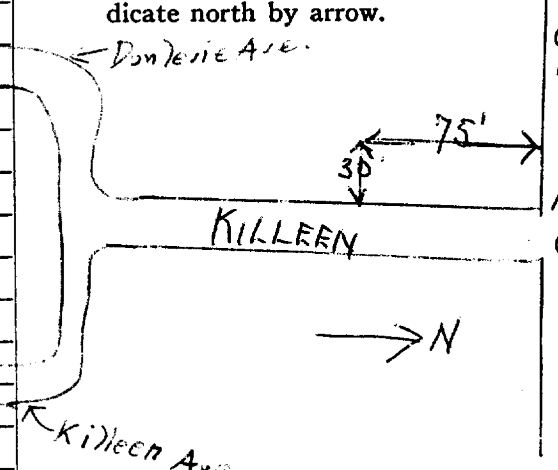
		Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
Kind (fresh or mineral)	FRESH			
Quality (hard, soft, contains iron, sulphur, etc.)	HARD			
Appearance (clear, cloudy, coloured)	CLEAR	90	Good	45
For what purpose(s) is the water to be used?	HOUSE	125	"	100
		140	"	130
How far is well from possible source of contamination?	40'			
What is the source of contamination?	SEPTIC			
Enclose a copy of any mineral analysis that has been made of water				

Well Log

Overburden and Bedrock Record	From	To
CLAY	0 ft.	6 ft.
LIMESTONE		140

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? UPLAND

Drilling Firm. DOLAN - MOLOUGANEY

Address 246 BREEZE HILL

Name of Driller. F. FLEURY ... Address ...

Date ... Licence Number ...

Signature of Licensee

FORM 5

KILEEN AVE

~~Killeen Ave.~~

UTM | 18 Z | 414014710 E
| 5 R | 5012145010 N
Elev. | 4 R | 02160 |
Basin | 25 | | |

ONTARIO

The Water-well Drillers Act, 1954
Department of Mines

15 No. 8392

Water-Well Record

County or Territorial District ..... Carleton ~~Township, Village, Town or~~ City ~~Kipton~~ OTTAWA

[redacted] Village, Town or City) .....

[redacted] ddress KILLEEN ST

McKELLAR HEIGHTS

(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) 5"
Length(s) 14'
Type of screen .....
Length of screen .....

Pumping Test

Static level 30'
Pumping rate 300 GPH
Pumping level 70'
Duration of test 1 HOUR

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)
SILT	0	4	150	100	fresh
Limestone	4	200	200	170	fresh

For what purpose(s) is the water to be used?
Domestic
Is water clear or cloudy? Clear
Is well on upland, in valley, or on hillside? upland

Drilling firm McLaughlin
Address 65 Rochester

Name of Driller P. Johnston
Address .....

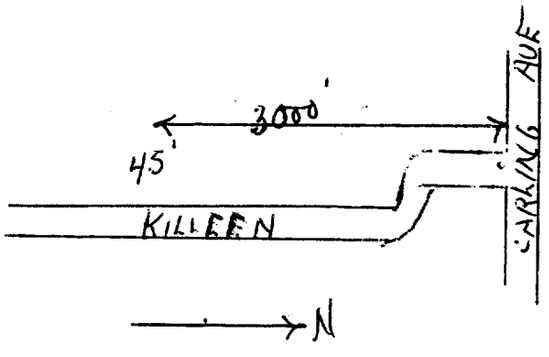
Licence Number 16

I certify that the foregoing statements of fact are true.

Date Jan 24/56 W. McLaughlin
Signature of Licensee

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Form 5

KILEEN AVE.

UTM 1 8 Z 4 4 0 3 8 5 E — 131 FEET

5 R 5 0 2 4 3 8 0 N

Elev. 4 R 0 2 7 0

Basin 2 5

0 ✓

15 No 8460

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or Territorial District .... ~~Township, Village, Town or~~ City ...Ottawa...

[redacted] own or City) ....

[redacted] ....7 MAPLE ~~CRESENT~~ CREST....

[redacted] ...Cost of Well (excluding pump)........................

(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4 INCH	Date	24/11/50
Length(s) of casing(s)	17 FEET	Static level	2½ FEET
Type of screen		Pumping level	20 FT.
Length of screen		Pumping rate	550 GPH
Distance from top of screen to ground level		Duration of test	1 HOUR
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) ....FRESH

Quality (hard, soft, contains iron, sulphur, etc.) ....SOFT

Appearance (clear, cloudy, coloured) ....CLEAR

For what purpose(s) is the water to be used? ....HOUSEHOLD

How far is well from possible source of contamination? ....50 FEET

What is the source of contamination? ....SEPTIC

Enclose a copy of any mineral analysis that has been made of water ....

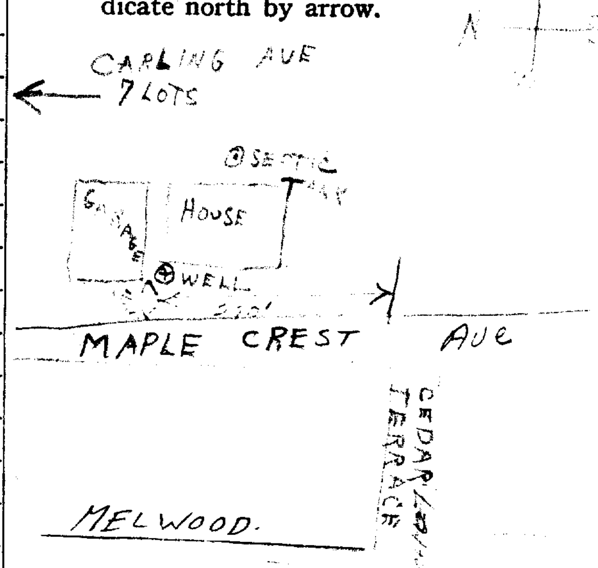
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
70	GOOD	42
90	"	60
125	"	100
131	"	128½

Well Log

Overburden and Bedrock Record	From	To
FILL	0 ft.	2 ft.
SILT	2	7
ROCK	—	131

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ...UPLAND

Drilling Firm ...F. A. McLean & Son

Address ...185 James St. Ottawa

Name of Driller ...Wm. D. MOLOUGHNEY ....Address........

Date ...NOV. 24 1950 ....Licence Number........

.... Signature of Licensee

Form 5

MAPLECREST AVE

26

94

UTM 1 | 18 Z | 4 4 0 3 0 5 E
5 R | 5 0 2 4 4 9 0 N
Elev. 4 R | 0 2 7 0
Basin | 25 |

ONTARIO

15 №. 8461

RECEIVED
JAN 15 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

County or Territorial District... Carleton ... Township, ~~Village, Town~~ or City... Ottawa

[redacted] own or City)... Merivale Rd.

Date Completed... (day) (month) (year) Cost of Well (excluding pump)...

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	5"	Date	Dec 11 1950
Length(s) of casing(s)	9'	Static level	15'
Type of screen		Pumping level	33'
Length of screen		Pumping rate	400 G.P.H.
Distance from top of screen to ground level		Duration of test	30 MIN
Is well a gravel-wall type?	No	Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)... Fresh
Quality (hard, soft, contains iron, sulphur, etc.)... Hard
Appearance (clear, cloudy, coloured)... Clear
For what purpose(s) is the water to be used?... Household
How far is well from possible source of contamination?... 60 Feet
What is the source of contamination?... Septic Tank
Enclose a copy of any mineral analysis that has been made of water...

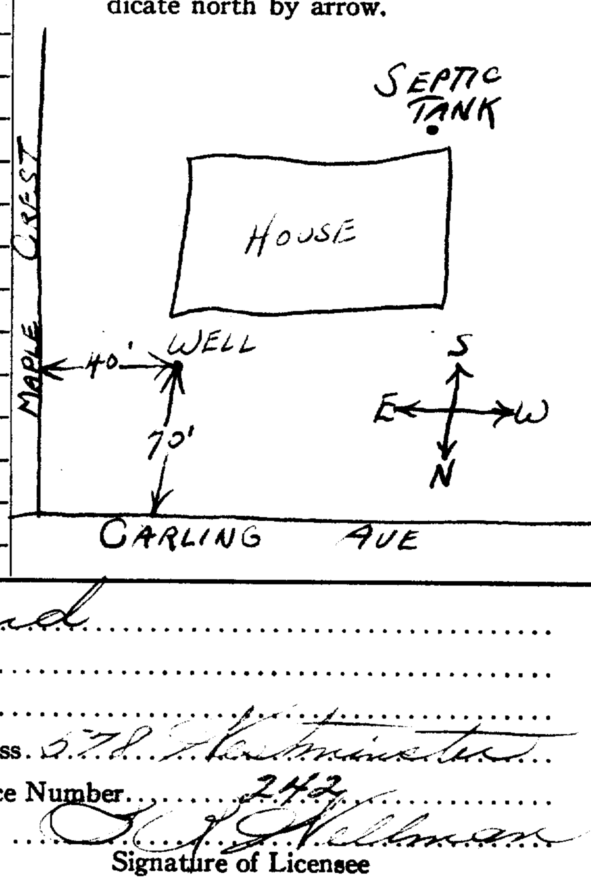
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
104'	Good	89'

Well Log

Overburden and Bedrock Record	From	To
Sandy Loam	0 ft.	3 ft.
Limestone	3'	104'

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?... Upland
Drilling Firm... G. A. Wellman
Address... 578 Westminster Ave
Name of Driller... G. A. Wellman ... Address... 578 Westminster
Date... Dec 11 1950 ... Licence Number... 242

G. A. Wellman
Signature of Licensee

FORM 5

MAPLECREST AVE
~~MERIVALE RD.~~

UTM 18 Z 4 4 0 3 6 0 E
5 R 5 0 2 4 3 6 0 N
Elev. 4 R 0 2 7 0
Basin 2 5

15 № 8462

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GEOLOGICAL BRANCH
DEPARTMENT of MINES

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

County or Territorial District Carleton ~~Township, Village, Town~~ or City Ottawa
[redacted] Town or City)........
[redacted]s........ Cambridge St.
[redacted] Cost of Well (excluding pump)........
(day) (month) (year)

Pipe and Casing Record	Pumping Test
Casing diameter(s)........ 4"	Date.. Nov. 14/51
Length(s) of casing(s)........ 20'	Static level.... 8 feet
Type of screen........	Pumping level. 8 feet
Length of screen........	Pumping rate.... 300 gals
Distance from top of screen to ground level........	Duration of test.. ½ hr
Is well a gravel-wall type?........	Distance from cylinder or bowls to ground level........

Water Record

Kind (fresh or mineral)........ fresh
Quality (hard, soft, contains iron, sulphur, etc.)..... soft
Appearance (clear, cloudy, coloured)........ Clear
For what purpose(s) is the water to be used?...... house
....
How far is well from possible source of contamination?........
What is the source of contamination?........
Enclose a copy of any mineral analysis that has been made of water........

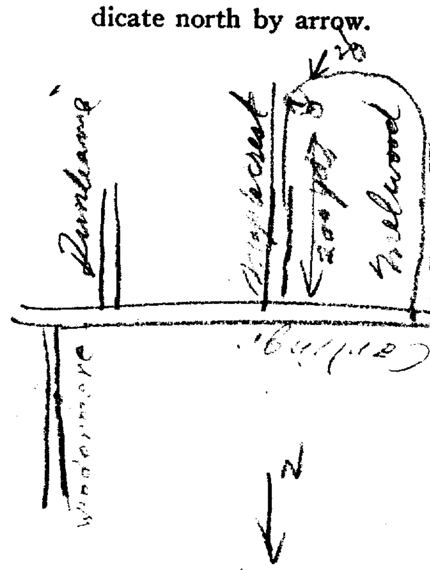
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
56'	fresh	48 feet

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
1 — 10 feet clay	1	10
10 — 56 . limestone rock	10 -	56

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?........ level
Drilling Firm........ Gordon S. Mulligan
Address........ 488 MacLaren st
Name of Driller........ Morris Renaud
Address.. 427 Clarence st
Date.... March 21/52
Licence Number........
Gordon S. Mulligan Per M.R.
Signature of Licensee

Form 5

Maplecrest Ave.

UTM 18 Z 440330 E

5 R 5024476 N

Elev. 4 R 0265

Basin 25

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted], ~~Village, Town or~~ City ... OTTAWA ...

[redacted]own or City) ... MAPLECREST.

[redacted] 271 CAMBRIDGE ST OTTAWA

Date Completed ... 1 (day) ... MAY (month) ... 1954 (year) ... Cost of Well (excluding pump) ... 260.00

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	5"	Date	1 MAY 1954
Length(s) of casing(s)	14'	Static level	12'
Type of screen	NIL	Pumping level	16'
Length of screen		Pumping rate	360 GPH
Distance from top of screen to ground level		Duration of test	20 minutes
Is well a gravel-wall type?	NO	Distance from cylinder or bowls to ground level	Bailer Test

Water Record

Kind (fresh or mineral) ... fresh

Quality (hard, soft, contains iron, sulphur, etc.) ... hard

Appearance (clear, cloudy, coloured) ... clear

For what purpose(s) is the water to be used? ... domestic

How far is well from possible source of contamination? ... 30'

What is the source of contamination? ... septic tank

Enclose a copy of any mineral analysis that has been made of water ... nil

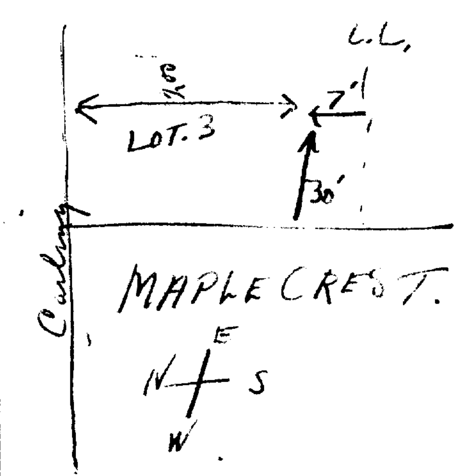
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
60'	fresh	20'
102'	"	90'

Well Log

Overburden and Bedrock Record	From	To
CLAY	0 ft.	10 ft.
LIMESTONE	10	102'

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ... Upland

Drilling Firm ... Blair Phillips

Address ... 614 Gilmour St. Ottawa

Name of Driller ... M. SZTEPA ... Address ... 431 Gladstone Ave

Date ... 1 May 1954 ... Licence Number ... 594

M. Sztepa
Signature of Licensee

Form 5

maplecrest Ave & ~~CAMBRIDGE ST.~~

UTM | 1 | 18 | Z | 4 | 4 | 0 | 3 | 2 | 5 | E

| 5 | R | 5 | 0 | 2 | 4 | 3 | 0 | 0 | N

Elev. | 4 | R | 0 | 2 | 7 | 0 |

Basin | 2 | 5 |

15 No. 8464

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted] ~~Village, Town~~ or City............

...own or City)............

....

Date Completed..10.....May.....54.... (day) (month) (year) Cost of Well (excluding pump)............

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Date	10 May 54
Length(s) of casing(s)	20'	Static level	30'
Type of screen		Pumping level	35'
Length of screen		Pumping rate	300 GPH
Distance from top of screen to ground level		Duration of test	25 min
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)........fresh

Quality (hard, soft, contains iron, sulphur, etc.)........hard

Appearance (clear, cloudy, coloured)........clear

For what purpose(s) is the water to be used?........house

How far is well from possible source of contamination?..40'

What is the source of contamination?........septic Bed

Enclose a copy of any mineral analysis that has been made of water

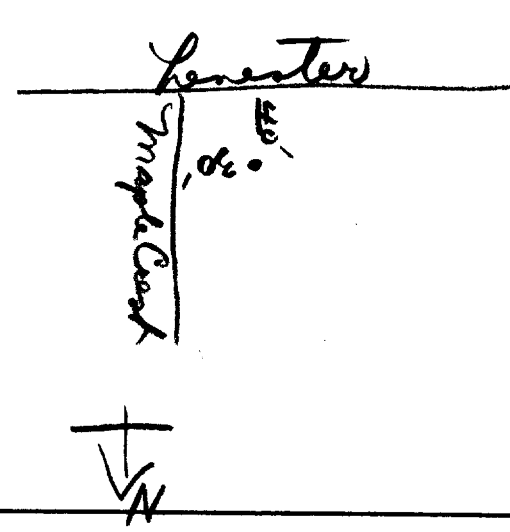
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
115-138	fresh	to 30

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	ft.
earth		3
limestone rock	3	138

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? hillside

Drilling Firm............

Address............

Name of Driller............ Address............

Date....May 12/54.... Licence Number...420...

B. E. Sparks

Signature of Licensee

FORM 5

E

#75

UTM | 18 | Z | 414012181 0 | E

| 5 | R | 5101241412 10 | N

Elev. | 4 | R | 012615 |

Basin | 215 | | | |

ONTARIO

The Water-well Drillers Act, 1954

Department of Mines

RECEIVED 15

FEB - 3 1956

GEOLOGICAL BRANCH
DEPARTMENT of MINES

No X 8465

Water-Well Record

County or Territorial District ..... Carleton ..... ~~Township, Village, Town or~~ City ..... Ottawa .....

Con. ..... Lot. ~~18~~ ..... Street and Number (if in Village, Town or City) ..... Maplecrest .....

Owner ..... CAIN & SONS ..... Address ..... 271 Cambridge St., Ottawa .....

Date completed ..... 2 Dec. 1955 .....
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) ..... 5" .....

Length(s) ..... 18' .....

Type of screen ..... Nil .....

Length of screen .....

Pumping Test

Static level ..... 12' .....

Pumping rate ..... 300 GPH .....

Pumping level ..... 15' .....

Duration of test ..... 1/2 Hour .....

Well Log

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
clay	0'	18'	45'	33'	clear
limestone	18'	126'			

Water Record

For what purpose(s) is the water to be used?

domestic

Is water clear or cloudy? ..... clear .....

Is well on upland, in valley, or on hillside? .....

upland

Drilling firm ..... Blair Phillips .....

Address ..... 1119 Falaise Rd. .....

Ottawa 5 Ont.

Name of Driller ..... Blair Phillips .....

Address ..... 111 Falaise Rd. .....

Otta a 5 Ont.

Licence Number ..... 190 .....

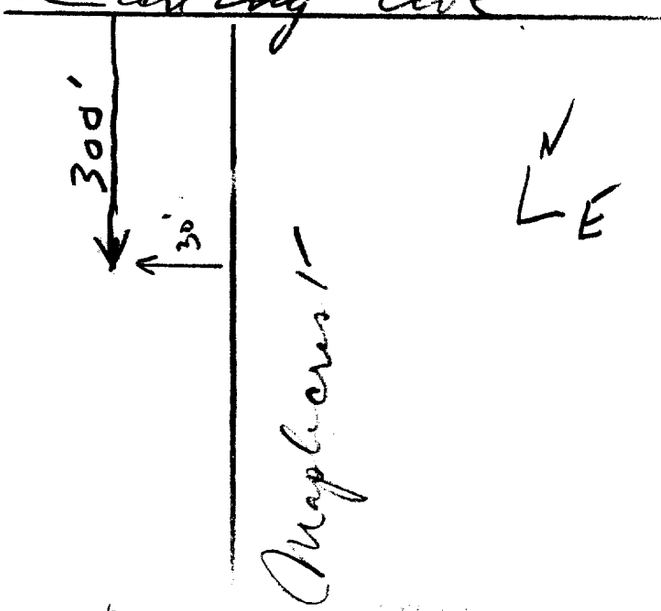
I certify that the foregoing statements of ~~fact~~ are true.

Date ..... 3 Dec. 1955 ..... Blair Phillips .....

Signature of Licensee

Location of Well

In diagram below show distances of well from road and ~~lot line~~. Indicate north by arrow.



Form 5

Maplecrest

UTM | 1 | 8 | Z | 4 4 0 2 2 0 | E
| 9 | R | 5 0 2 4 3 8 0 | N
Elev. | 9 | R | 0 2 6 5 |
Basin | 2 5 | | | | |

ONTARIO

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FEB 21 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

[redacted] ~~Township, Village, Town or~~ City ...... Ottawa Ont ......
(Town or City) ....
271 Cambridge St. Ottawa
Date Completed ...... Cost of Well (excluding pump) ......
(day) (month) (year)

Pipe and Casing Record

Casing diameter(s) ...... 4 in
Length(s) of casing(s) ...... 17 ft
Type of screen ...... √
Length of screen ......
Distance from top of screen to ground level ......
Is well a gravel-wall type? ...... No

Pumping Test

Date ...... Dec 2 1950
Static level ...... 12 ft
Pumping level ...... 14 ft
Pumping rate ...... 450 gal per h.
Duration of test ...... ½ h.
Distance from cylinder or bowls to ground level ......

Water Record

Kind (fresh or mineral) ...... Fresh
Quality (hard, soft, contains iron, sulphur, etc.) ...... hard
Appearance (clear, cloudy, coloured) ...... clear
For what purpose(s) is the water to be used? ...... household
......
How far is well from possible source of contamination? ...... 35 ft
What is the source of contamination? ...... Septic tank
Enclose a copy of any mineral analysis that has been made of water ......

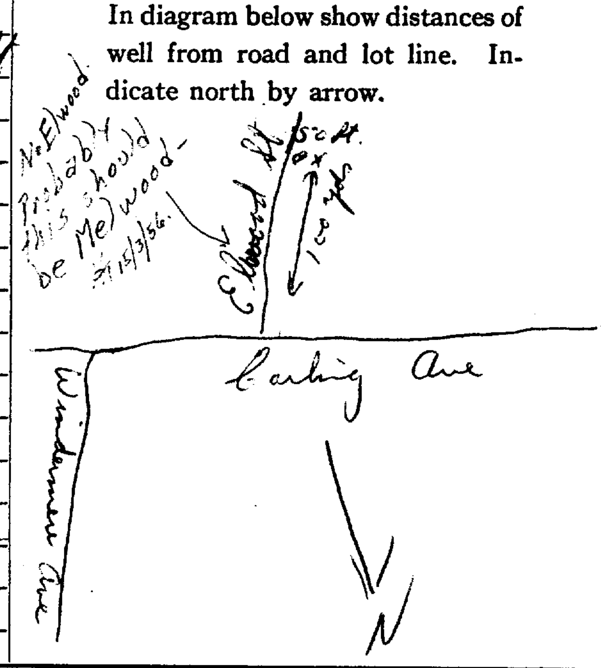
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
32 ft	fresh	20 ft

Well Log

Overburden and Bedrock Record	From	To
Sandy Soil	0 ft.	8 ft.
grey limestone	8	74 ft
		74 ft

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? upland
Drilling Firm ...... Gordon S. Mulligan
Address ...... R.R. # 1 Westboro Ont
Name of Driller ...... Orr D. Hutt
Address ...... c/o G. Mulligan RR#1 Westboro Ont
Date ...... Dec 14 /50
Licence Number 345

Orr D. Hutt
Signature of Licensee

FORM 5

MELWOOD ST.

440250

UTM | 18 | Z | | | | | | E

| 9 | R | 5 10 12 14 | 3 14 10 | N

Elev. | 9 | R | 0 12 7 10 |

Basin | 215 | | | |

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

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15 No. 8481
FEB 21 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Record

County or Territorial District [redacted] Township, Village, Town or City Ottawa

[redacted] Town or City)

[redacted] 27 Cambridge St. Alton

Date Completed ... (day) ... (month) ... (year) ... Cost of Well (excluding pump) ...

Pipe and Casing Record

Casing diameter(s) 4 in.

Length(s) of casing(s) 14 ft.

Type of screen

Length of screen

Distance from top of screen to ground level

Is well a gravel-wall type? N.O.

Pumping Test

Date Jan 12 /51

Static level 14 ft.

Pumping level 16 ft

Pumping rate 400 gal. per hr.

Duration of test 5 hr.

Distance from cylinder or bowls to ground level

Water Record

Kind (fresh or mineral) fresh

Quality (hard, soft, contains iron, sulphur, etc.) hard

Appearance (clear, cloudy, coloured) clear

For what purpose(s) is the water to be used? Domestic

How far is well from possible source of contamination? 45 ft

What is the source of contamination? Septic tank

Enclose a copy of any mineral analysis that has been made of water

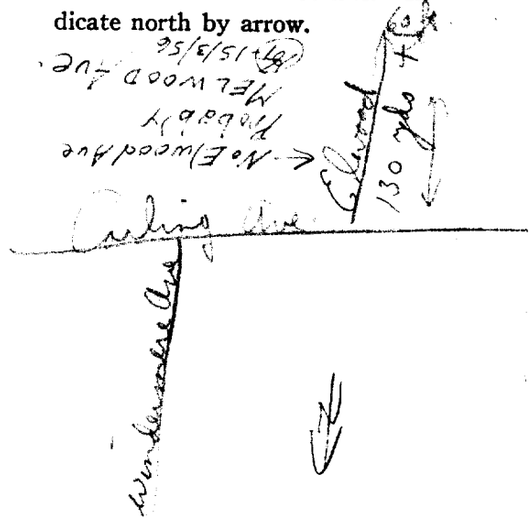
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
18 ft	hard	4 ft
	fresh	

Well Log

Overburden and Bedrock Record	From	To
Sandy soil	0 ft.	8 ft.
grey limestone	8 ft	74 ft

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? Upland

Drilling Firm Gordon A. Madigan

Address R.R.#1 Westboro Ont

Name of Driller Gordon A. Madigan Address R.R.#1 Westboro

Date Jan 12 /1951 Licence Number 345

Gordon A. Madigan
Signature of Licensee

FORM 5

MELWOOD Ave

UTM 18 Z 4 4 0 2 7 0 E
9 R 5 0 2 4 4 0 5 N
Elev. R 0 2 6 5
Basin 2 5

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

13 No 8482

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FEB 21 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Record

County or Territorial District ... Carleton ... Township, ~~Village, Town~~ or City ... Ottawa ...

[redacted] Town or City) ...

[redacted] s ... 221 ... Cambridge St. Ottawa ...

[redacted] Cost of Well (excluding pump) ...

(day) (month) (year)

Pipe and Casing Record	Pumping Test
Casing diameter(s) ... 4 in	Date ... Jan 25 /51
Length(s) of casing(s) ... 13 ft	Static level ... 8 ft
Type of screen ...	Pumping level ... 81 ft
Length of screen ...	Pumping rate ... 450 G.P.H.
Distance from top of screen to ground level ...	Duration of test ... 20 min
Is well a gravel-wall type? ... No	Distance from cylinder or bowls to ground level ...

Water Record

Kind (fresh or mineral) ... fresh
Quality (hard, soft, contains iron, sulphur, etc.) ... hard
Appearance (clear, cloudy, coloured) ... clear
For what purpose(s) is the water to be used? ... household
...
How far is well from possible source of contamination? ... 35 ft
What is the source of contamination? ... Septic tank
Enclose a copy of any mineral analysis that has been made of water ...

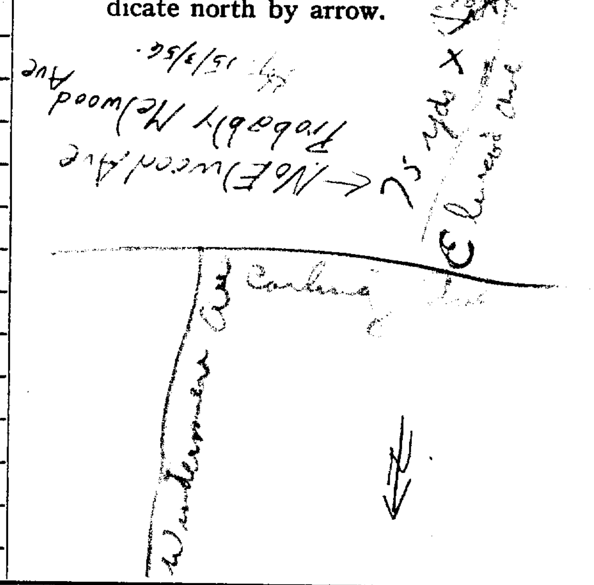
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
15 ft	fresh hard	7 ft

Well Log

Overburden and Bedrock Record	From	To
Sandy soil	0 ft.	6 ft.
grey limestone	6	64 ft

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ...
Drilling Firm ... John J. Milligan
Address ... R.R. No 1 Westboro Ont
Name of Driller ... Orm D. Heath ... Address ... R.R. No 1 Westboro Ont
Date ... Jan 25 /51 ... Licence Number ... 345
... Orm D. Heath
Signature of Licensee

Form 5

MELWOOD AVE

UTM 1 8 Z 4 4 0 2 7 0 E

5 R 5 0 2 4 4 0 5 N

Elev. 4 R 0 2 6 5

Basin 2 5

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

15 No. 8483

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GEOLOGICAL BRANCH

DEPARTMENT OF MINES

Water Well Record

County or Territorial District Carleton ~~Township, Village, Town or~~ City Ottawa

[redacted] own or City) ....

.... Ottawa

Date Completed ...... (day) Jan (month) ...... (year) Cost of Well (excluding pump) ....

Pipe and Casing Record

Casing diameter(s) ... 6 in.

Length(s) of casing(s) 12 ft

Type of screen ....

Length of screen ....

Distance from top of screen to ground level ....

Is well a gravel-wall type? No

Pumping Test

Date Jan 29 51

Static level 11 ft

Pumping level 12 ft

Pumping rate 350 G.P.H.

Duration of test 20 M

Distance from cylinder or bowls to ground level ....

Water Record

Kind (fresh or mineral) Fresh

Quality (hard, soft, contains iron, sulphur, etc.) hard

Appearance (clear, cloudy, coloured) Clear

For what purpose(s) is the water to be used? Domestic

....

How far is well from possible source of contamination? 40 ft

What is the source of contamination? Septic Tank

Enclose a copy of any mineral analysis that has been made of water ....

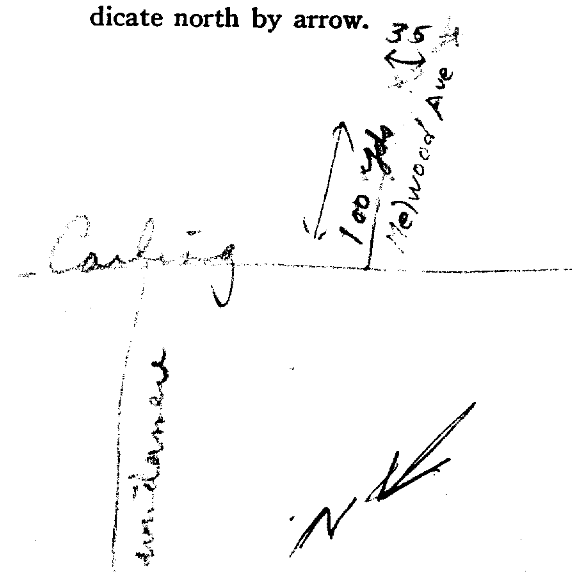
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
20 ft	Fresh hard	9 ft

Well Log

Overburden and Bedrock Record	From	To
sandy soil	0 ft.	7 ft.
grey limestone	7 ft	65

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ....

Drilling Firm Gordon S. McFeggan

Address R.R. No. 1 W. Ottawa

Name of Driller C. D. Hill Address c/o G. McFeggan R.R. No. 1 W. Ottawa

Date Jan 29 / 51 Licence Number 545

C. D. Hill

Signature of Licensee

Form 5

Melwood Ave.

UTM 18 Z 414012810 E
5 R 5012141215 N
Elev. 4 R 021710
Basin 215

ONTARIO

15 No 8485

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JUL 23 1951
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

County or Territorial District Carleton. Township, Village, Town or City Ottawa
[redacted] Town or City) Mellwood
[redacted] "
Date Completed [redacted] (day) [redacted] (month) [redacted] (year) Cost of Well (excluding pump) $202.00

Pipe and Casing Record

Casing diameter(s) 4"
Length(s) of casing(s) 18'
Type of screen Nil
Length of screen
Distance from top of screen to ground level
Is well a gravel-wall type? No.

Pumping Test

Date 8 May 1951
Static level 16 ft.
Pumping level 60 ft.
Pumping rate 45 GPM
Duration of test 20 MIN
Distance from cylinder or bowls to ground level 8 ft.

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? domestic

How far is well from possible source of contamination? 50'
What is the source of contamination? Septic
Enclose a copy of any mineral analysis that has been made of water nil

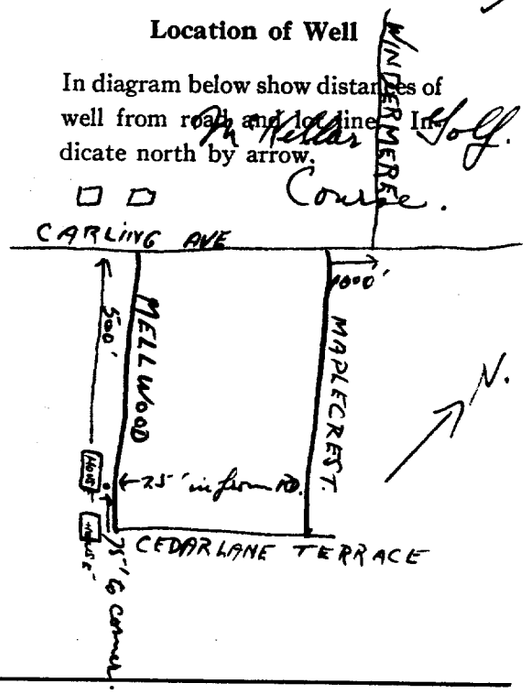
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
60'	clear	44'
80'	"	64'

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
clay	0	6'
limestone	6'	80'

Location of Well

In diagram below show distances of well from road and lot lines. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? Valley.
Drilling Firm Blair Phillips
Address 614 Gilmour St.
Name of Driller Blair Phillips Address
Date 8 May 1951 Licence Number 190
R. B. Phillips
Signature of Licensee

FORM 5

Melwood Ave.

UTM | 1 | 18 | Z | 4410280 | E
| 15 | R | 5024390 | N
Elev. | 4 | R | 0270 |
Basin | 25 | | |

15 № 8486

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GEOLOGICAL BRANCH
DEPARTMENT of MINES

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

County or Territorial District... Co. Carleton ... ~~Township, Village, Town or~~ City ... OTTAWA Ottawa

Con. ~~..........Lot..........~~ Street and Number (if in Village, Town or City)...

Owner.. [redacted] ... Address... Carling st.

Date Completed.. May 12 / 51 (day) (month) (year) ... Cost of Well (excluding pump)...

Pipe and Casing Record	[redacted]	**Pumping Test**

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Date	May 2/51
Length(s) of casing(s)	20 feet	Static level	8 feet
Type of screen		Pumping level	
Length of screen		Pumping rate	
Distance from top of screen to ground level		Duration of test	
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)... fresh

Quality (hard, soft, contains iron, sulphur, etc.)... hard

Appearance (clear, cloudy, coloured)... clear

For what purpose(s) is the water to be used?... house

How far is well from possible source of contamination?...

What is the source of contamination?...

Enclose a copy of any mineral analysis that has been made of water...

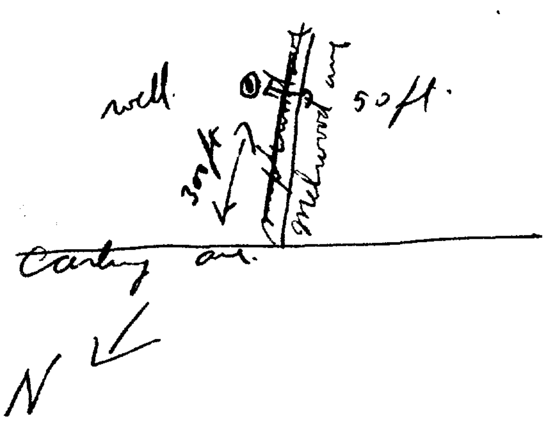
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
55 feet	fresh	47 feet

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
1 - 10 feet clay	1 -	10
10 - 66 feet limestone (white)	10	66
		66 ft

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?... level

Drilling Firm... Gordon S. Mulligan

Address... 488 Main ... st.

Name of Driller... Moise Renaud ... Address... 427 Clarence st.

Date... March 21 / 52 ... Licence Number...

Gordon S. Mulligan Per. M.R.
Signature of Licensee

FORM 5

Melwood Ave.

UTM 18 Z 4 4 0 3 2 0 E
5 R 5 0 2 4 3 0 0 N
Elev. 4 R 0 2 7 0
Basin 2 5

ONTARIO

15 No 8487

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

Carleton

County or Territorial District ... Carleton ... ~~Township, Village, Town~~ or City ... Ottawa

[redacted] Town or City) ...

... 847 Melwood Ave. Westboro

... (excluding pump) ...

(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Date	Oct 2 /51
Length(s) of casing(s)	20'	Static level	15 feet
Type of screen		Pumping level	18 feet
Length of screen		Pumping rate	3.0 gals
Distance from top of screen to ground level		Duration of test	1/2 hr
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) ... fresh

Quality (hard, soft, contains iron, sulphur, etc.) ... hard

Appearance (clear, cloudy, coloured) ... Clear

For what purpose(s) is the water to be used? ... domestic

How far is well from possible source of contamination? ...

What is the source of contamination? ...

Enclose a copy of any mineral analysis that has been made of water ...

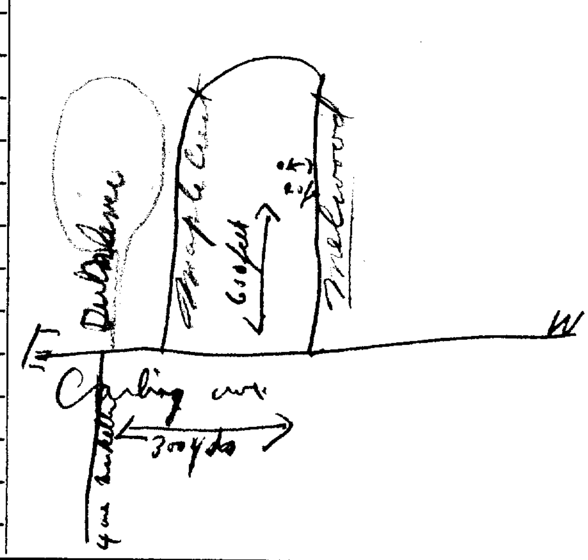
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
106'	fresh	91 feet
60		45'

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
1 - 8 feet clay	1	8
8 - 106 hard black limestone	8 -	106

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? ... level

Drilling Firm ... Gordon S. Mulligan

Address ... 458 MacLaren st

Name of Driller ... Moise Renaud   Address ... 427 Clarence st

Date ... March 21 /52   Licence Number ...

Gordon S Mulligan
Signature of Licensee

Form 5

Melwood Ave.

UTM 1 1 8 Z 4 4 0 2 2 0
5 R 5 0 2 4 2 8 0 N
Elev. 4 R 0 2 7 0
Basin 2 5

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

15 No 8856

RECEIVED
DEC 18 1950
GEOLOGICAL BRANCH
DEPARTMENT OF MINES

Water Well Record

County or Territorial District ~~Nipissing~~ Carleton ~~Township, Village, Town~~ or City Ottawa
Con. ... Lot ... Street and Number (if in Village, Town or City)
Owner F. Shouldice & Conn't Address Piccadilly Ave.
Date Completed ... Sep. / 50 (day) (month) (year) Cost of Well (excluding pump)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4 in	Date	Sept / 50
Length(s) of casing(s)	12 ft.	Static level	20 ft
Type of screen		Pumping level	22 ft
Length of screen		Pumping rate	800 gal per hr.
Distance from top of screen to ground level		Duration of test	½ hr.
Is well a gravel-wall type?	no	Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral) fresh
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? domestic
How far is well from possible source of contamination? 35 ft
What is the source of contamination? Septic tank
Enclose a copy of any mineral analysis that has been made of water

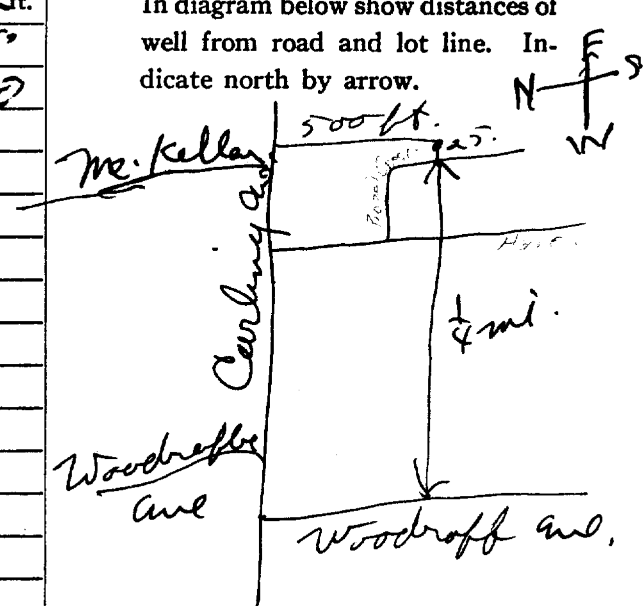
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
60	fresh	40 ft

Well Log

Overburden and Bedrock Record	From	To
Topsoil	0 ft.	2 ft.
blue clay + boulders	2	8
Rock. limestone grey	8	60

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? Level land
Drilling Firm Mulligan Bros. (Gordon)
Address R.R. #1 Westboro Ont
Name of Driller Floyd Stoodley Address 258 Main St Ottawa East
Date Dec / 50 Licence Number 344
Floyd Stoodley
Signature of Licensee

Form 5

ROZEL CRES.

UTM 1 18 Z 4 4 0 1 1 5 5 E
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Elev. 4 R 0 2 6 5
Basin 2 5

ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

15 No. 8857

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GEOLOGICAL BRANCH
DEPARTMENT of MINES

Water Well Record

County or Territorial District: Carleton ~~Township, Village, Town or~~ City: Ottawa
Con. ... Lot ... Street and Number (if in Village, Town or City) ...
Owner: J. Shaudie Cons. Address: Piccadilly Ave
Date Completed: 9 (day) Aug (month) 1952 (year) Cost of Well (excluding pump) ...

Pipe and Casing Record

Casing diameter(s): 4"
Length(s) of casing(s): 20'
Type of screen ...
Length of screen ...
Distance from top of screen to ground level ...
Is well a gravel-wall type? ...

Pumping Test

Date: Aug. 9
Static level: 8 feet
Pumping level: between 8-9 feet
Pumping rate: 500 gals
Duration of test: 1/2 hr
Distance from cylinder or bowls to ground level ...

Water Record

Kind (fresh or mineral): Fresh
Quality (hard, soft, contains iron, sulphur, etc.): hard
Appearance (clear, cloudy, coloured): Clear
For what purpose(s) is the water to be used? Domestic
How far is well from possible source of contamination? 60 feet
What is the source of contamination? Septic tank
Enclose a copy of any mineral analysis that has been made of water ...

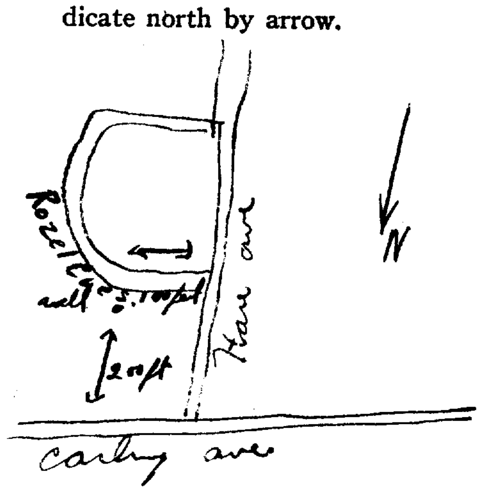
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
60 feet	hard	52 feet

Well Log

Overburden and Bedrock Record	From	To
1 to 10 feet Boulder and hard Pan Brown	0 ft. 1	....ft. 10
10 - 65 feet hard white Limestone	10	65

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside? Level
Drilling Firm: Gordon S. Mulligan
Address: 488 MacLaren St
Name of Driller: John Sebastian Address: 292 Lyon St
Date: Nov 17/52 Licence Number: 575

Gordon S. Mulligan
Signature of Licensee
per John Sebastian

FORM 5

Rozel Crescent

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GEOLOGICAL BRANCH
DEPARTMENT OF MINES

ONTARIO

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

[redacted] Con. ... Lot 28 ... Pt. Lot ...

Cambridge St. ~~Acres~~ Ottawa

[redacted] Cost of Well (not including pump) ...

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	4"	Date	Dec 27/49
Length(s) of casing(s)	5 ft.	Developed Capacity	
Length of screen	Nil	Duration of Test	1/2 hr
Type of screen		Pumping Rate	6 gals. minute
Type of pump		Drawdown	nil
Capacity of pump		Static level of completed well	4" from Ground level
Depth of pump setting		Is well a gravel-wall type?	

Water Record

Kind (fresh or mineral) ...... Fresh

Quality (hard, soft, contains iron, sulphur etc.) ...

Appearance (clear, cloudy, coloured) .... Clear

For what purpose(s) is the water to be used? .... Household

How far is well from possible source of contamination? .. 90

What is source of contamination? .... Septic Tank

Enclose a copy of any mineral analysis that has been made of water ...

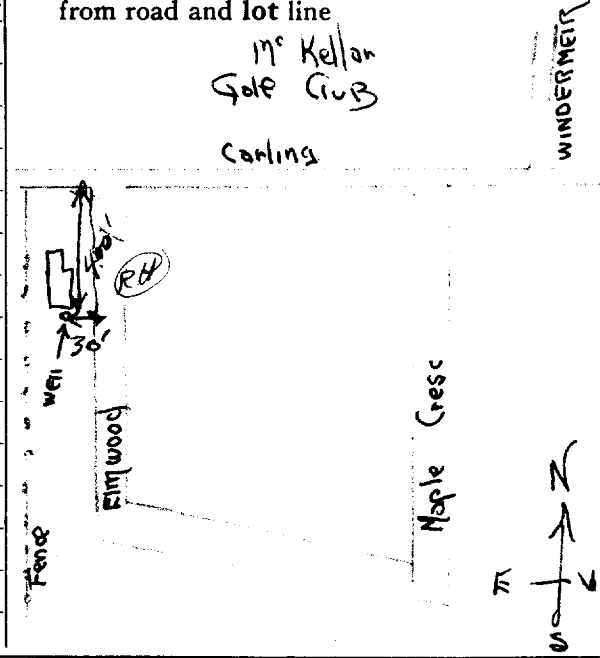
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
110	Fresh	4" from Ground
		109'8"

Well Log

Drift and Bedrock Record	From	To
Till	0 ft.	5 ft.
Grey limestone	5 "	65 "
Dark Brown Shale	65 "	115 "

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? .... Upland

Drilling Firm .. Gordon S. Mulligan

Address ..... R.R. No. 1 Westboro Ont

Recorded by .. C. J. Fraser .... Address . R.R. No. 1 Westboro Ont

Date .... Dec. 28 .... 49 .... Licence Number ..

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ONTARIO

The Well Drillers Act
Department of Mines, Province of Ontario

Water Well Record

Carleton .... Township, ~~Village, Town~~ of (City) ~~Nepean~~ OTTAWA
[redacted] own or City)........
Galloway Ave, Ottawa
Date Completed Nov ...... 1951 ...... Cost of Well (excluding pump)........
(day) (month) (year)

Pipe and Casing Record		Pumping Test	
Casing diameter(s)	5 in	Date	
Length(s) of casing(s)	15'	Static level	10 ft
Type of screen		Pumping level	15
Length of screen		Pumping rate	
Distance from top of screen to ground level		Duration of test	
Is well a gravel-wall type?		Distance from cylinder or bowls to ground level	

Water Record

Kind (fresh or mineral)........
Quality (hard, soft, contains iron, sulphur, etc.) hard
Appearance (clear, cloudy, coloured) clear
For what purpose(s) is the water to be used? House
How far is well from possible source of contamination?........
What is the source of contamination?........
Enclose a copy of any mineral analysis that has been made of water........

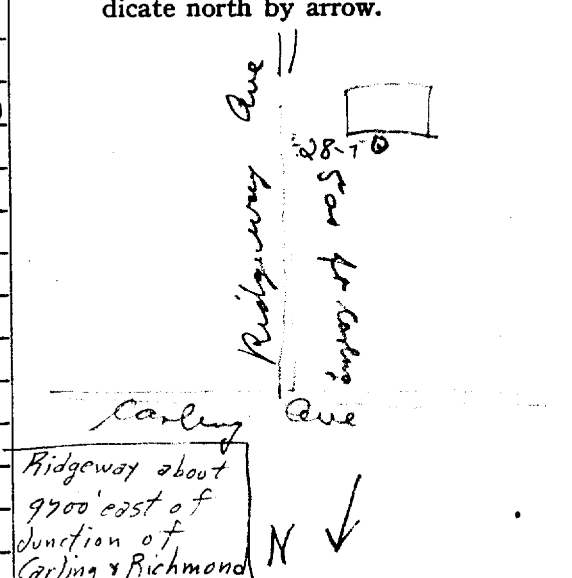
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
55'	Hard	45

Well Log

Overburden and Bedrock Record	From	To
	0 ft.	....ft.
Clay	1	5
Blue Sale	5	60

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Situation: Is well on upland, in valley, or on hillside?........
Drilling Firm Gordon Mulligan
Address Westboro R R 1
Name of Driller John Mulroney .... Address 163 Gilmour St
Date........ Licence Number........

....
Signature of Licensee

Form 5

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GEOLOGICAL BRANCH
DEPARTMENT OF MINES

The Well Drillers Act

Department of Mines, Province of Ontario

Water Well Record

OTTAWA

[redacted] Con. II O.F. Lot 28 Pt. Lot 5

[redacted] H McKAY OTTAWA Acres

Date Completed NOVEMBER 1/49 Cost of Well (not including pump)

Pipe and Casing Record

Casing diameter(s) 4"
Length(s) of casing(s) 11 FT.
Length of screen — NONE —
Type of screen "
Type of pump
Capacity of pump
Depth of pump setting

Pumping Test

Date Nov 1/49 G Mulligan
Developed Capacity
Duration of Test 1/2 hr
Pumping Rate 4 1/2 gals a minute
Drawdown
Static level of completed well 10'
Is well a gravel-wall type?

Water Record

Kind (fresh or mineral) MINERAL
Quality (hard, soft, contains iron, sulphur etc.) hard
Appearance (clear, cloudy, coloured) Clear
For what purpose(s) is the water to be used? HOUSE HOLD
How far is well from possible source of contamination? 115 FEET
What is source of contamination? SEPTIC TANK
Enclose a copy of any mineral analysis that has been made of water

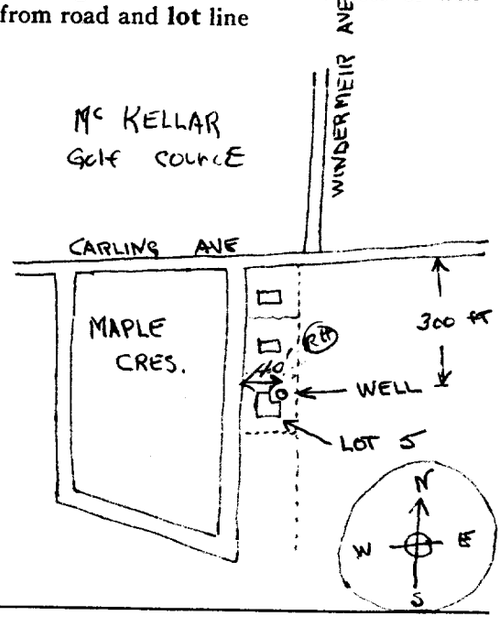
Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
110	MINERAL	100

Well Log

Drift and Bedrock Record	From	To
SANDY CLAY (TILL)	0 ft.	10 ft.
FINE SAND	10	11
GREY LIME STONE	11	48
DARK BROWN ROCK (SOFTER than Lime Stone)	48	60
GREY LIMESTONE	60	75
DARK BROWN ROCK (")	70	115

Location of Well

In diagram below show distances of well from road and lot line



Situation: Is well on upland, in valley, or on hillside? UPLAND
Drilling Firm GORDON S. MULLIGAN
Address RR. 1 WESTBORO ONTARIO
Recorded by CHARLES J. FRASER Address RR. No. 1 WESTBORO ONT.
Date NOVEMBER 5th/49? Licence Number

patersongroup Consulting Engineers

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

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

www.patersongroup.ca

January 13, 2020
File: PE4833-HLUI

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

Subject: **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: Elizabeth Barney

Name of Representative: Elizabeth Barney

Authorization of Representative: EBarney

Date: Jan 14 2020

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:** *1995 Carling Avenue, Ottawa, ON*

** Mandatory Field*

Applicant/Agent Information:

Name:	*Paterson Group*		
Mailing Address:	*154 Colonnade Rd South, Ottawa, ON*		
Telephone:	*613-226-7381*	Email Address:	*mstpierre@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name:	*Elizabeth Barney*		
Mailing Address:	*1995 Carling Avenue, Ottawa, ON K*		
Telephone:	*613-521-7039*	Email Address:	*johnliz962@gmail.com*

Site Details

Legal Description and PIN:	*Part of Block A of Plan M98, City of Ottawa.* *039790010*
What is the land currently used for?	*Residential*

Lot frontage: _____ m Lot depth: _____ m Lot area: _____ m²

OR Lot area: (irregular lot) 1,450 m²

Does the site have Full Municipal Services: (•) Yes ( ) No

Required Fees

Please don't hesitate to visit the Historic Land Use Inventory website more information. Fees must be paid in full at the time of application submission.

Planning Fee	$100.00

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.

2. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed 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 Paterson Group ("the Requester") does so only under the following conditions and understanding:

1. 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): 17/01/2020

Per: Mark St Pierre

(Please print name)

Title: Environmental Consultant

Company: Paterson Group

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Mark St Pierre, B. Eng.

patersongroup

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

Mark S. D'Arcy, P. Eng.

patersongroup

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